Lancaster Farming

JAN 8

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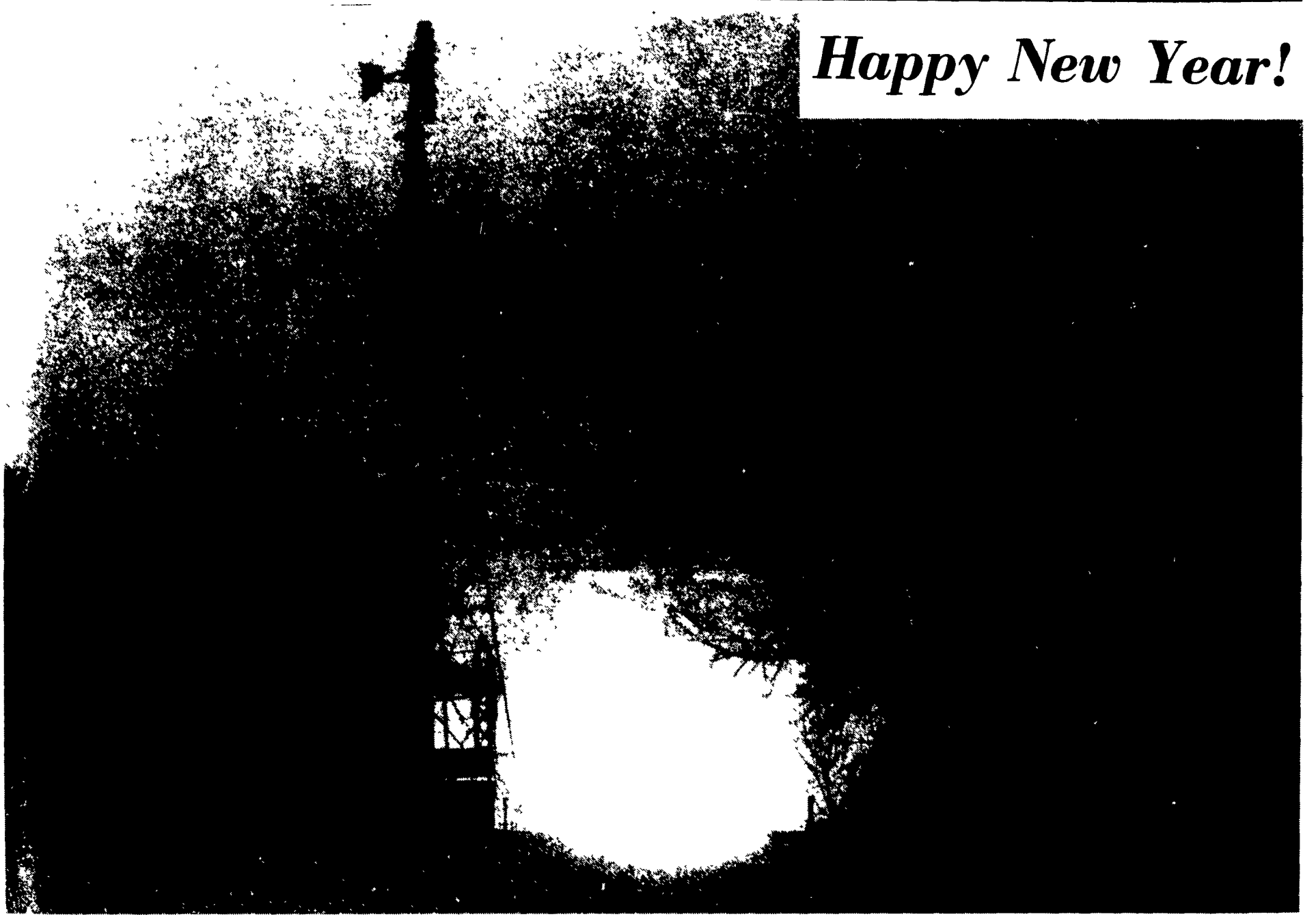


A new day, as well as a new year, is dawning for agriculture 1986 will bring the first real implementation of the 1985 Farm Bill and Farm Credit package, signed into law Monday by President Reagan Only time will tell what effect the landmark legislation will have

Meanwhile, farmers throughout the region are taking time to reflect on the year past, and plan for a future that can only be described as challenging To all our readers, the staff and family of Lancaster Farming extend our warmest wishes for a happy and prosperous New Year

President signs Farm Bill, Farm Credit aid

BY JAMES H. EVERHART

WASHINGTON — President Ronald Reagan this week signed the 1985 Farm Bill into law, ending almost a year of debate and discussion over agricultural policy.

At the same time, he initialed the emergency aid package for the Farm Credcit System, a bill that roared through Congress in almost record time.

Taking note of the "Herculean effort" made by legislators in passing the bills, Reagan said the legislation would "help put America's farmers back in a competitive position in world markets."

The Farm Bill, the most espensive food and agriculture program in American history, would cost an estimated $110 billion, $52 billion of which would be allocated to commodity programs.

Defending the cost, Reagan added, If things are not going well down on the farm, things cannot continue to go well in our cities and towns "

The Farm Credit legislation, the president added, gives the system a chance to "pool its considerable resources" to stage a recovery from its current financial woes. The legislation would create a new government body to absorb billions of dollars of the system's delinquent loans.

Admitting that he did not fully agree with all the provisions in the Farm Bill, Reagan said it "provides new hope for America's hard-working farmers and our rural communities."

The two pieces of legislation are, "a step foward for American agriculture," Reagan said, adding, "We must recognize, even while signing these bills, that there are no quick fixes."

Echoing the President's comments in a press conference after the bill signing ceremony, Agriculture Secretary John Block noted, "It's not going to be an easy winter."

The Farm Bill reflects much of the Reagan Administration's basic approach to farm policy, although the package differs markedly from the proposal it sent to Capitol Hill last spring.

The focus of the administration's effort, Reagan said this week, is "to get farming more market-oriented," and less reliant on the "heavy hand of government."

"But since it's government that's been responsible for many of the farmers' problems, it's also only fair that government not now just abandon, but make an effort to help the farmers through the transition."

How the Farm Bill will work in conjunction with another historic law — the Gramm-Rudman deficit reduction package — has not been determined, Block said in response to a reporter's question. "It's just too early to predict" how the commodity programs would be affected by the deficit cutting measure, he said, though farm spending is not among the programs exempted from budget cutting

In effect, the Farm Bill will lower milk prices 40 cents per hundredweight when the assessment to fund the whole-herd buyout goes into effect,

The 18-month herd buyout plan would be implemented early in 1986, lowering the support price to $11.20. On Jan. 1, 1987, the price would effectively drop 10 cents to $11.10, as the listed support would be reduced 25 cents, while the assessment would be lowered 15 cents.

On Oct. 1, 1987, the assessment would end, but the support price would also be lowered to $11 10

Beginning Jan. 1, 1988, the USDA Secretary would be required to make 50-cent annual cuts in the support price, if surplus purchases exceed five billion pounds a year. He would also be required to raise prices 50 cents, if annual surpluses drop below 2.5 billion pounds.

After the whole-herd program ends, the bill gives the secretary authority to implement either a whole-herd buyout or a diversion program, at his discretion.

The bill also would increase prices in some marketing orders, to reflect current transportation costs.

Office closed on New Year's Day

The office of Lancaster Farming will be closed in observance of New Year's Day holiday.

Advertisers and news sources are asked to meet the following deadlines for the Jan. 4 issue: Mailbox Market and public sale ads, Monday at 5 p m ; General news, Classified Section B and display ads, Tuesday noon, all other classified, 9 a.m Thursday; and late-breaking news, noon Thursday

Materials for Lancaster Farming's special Farm Show issue, to be published Jan 11, should also be received at the Lancaster Farming office as soon as possible News deadline is Monday, Jan 6

Livestock market and auction news

Some markets not covered by PDA or USDA due to holiday

Lancaster Market

Monday, Dec. 23
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts	769	139	500	463	
Last Monday	1406	125	650	908	281
Last Year	528	58	651	349	
Monday's Auction	662	147	462	309	337
Last Monday's Auction	1187	168	577	1032	452

CATTLE: Compared to last Monday slaughter steers steady to firm, instances to 1.00 higher; slaughter heifers steady; cows firm to .50 higher; bullocks scarce; bulls firm. Supply included 54 percent slaughter steers, 10 percent slaughter heifers, 29 percent cows, and 5 percent bulls.

SLAUGHTER STEERS: One lot high Choice and Prime 2-4 1175 lb. 67.75; Choice 2-4 1075-1460 lb. 62.75-66.50; high Good and low Choice 2-3 1050-1350 lb. 60.00-63.50; few Good 2-3 55.00-60.00; Good and Choice 1250-1500 lb. Holsteins 45.75-47.75, couple Choice 50.50-51.50, Standard and low Good 1100-1350 lb. 40.00-42.50.

SLAUGHTER HEIFERS: High Choice and Prime 2-4 1100-1250 lb. 63.50-64.75; Choice 2-3 975-1150 lb. 59.50-63.00; Good 2-3 850-1050 lb. 51.00-55.00.

COWS: Breaking Utility and Commercial 2-4 38.00-40.00, few 41.00-42.00; Cutter and Boning Utility 1-3 34.50-38.00, few 38.50-39.00; Canner and low Cutter 32.00-34.50.

BULLS: Yield grade 1 1350-1850 lb. 46.50-51.00, few 51.25-55.00, individual 2050 lb. 47.50; yield grade 2 1000-1400 lb. 42.00-46.50.

VEAL CALVES: Vealers mostly steady, although Choice and Prime not fully tested. Supply included few 100-125 lb. Holstein bulls sold to return to farm.

VEALERS: Few Choice 150-300 lb. 80.00-90.00; high Good and low Choice 160-300 lb. 60.00-70.00, 120-160 lb. 48.00-60.00, 80-110 lb. 35.00-48.00.

RETURNED TO FARM: Few 100-120 lb. Holstein bulls 60.00-70.00.

SHEEP: Wooled lambs mostly steady; slaughter ewes steady.

WOOLED LAMBS: Choice and Prime 85-105 lb. 68.00-72.00; Good to low Choice 80-105 lb. 65.00-68.00, 50-80 lb. 70.00-80.00, 40-50 lb. 80.00-90.00.

SLAUGHTER EWES: Utility and Good 25.00-35.00.

GOATS: All goats sold by the head; generally 10.00 lower. small supply Large mature 55.00-70.00, Medium 40.00-55.00, Small 28.00-40.00.

Vintage Market

Tuesday, Dec. 24
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	465	499	0	0
Last Tuesday	1243	851	15	8
Last Year	Christmas Holiday			

CATTLE: Compared to last Tuesday small supply slaughter steers .50-1.00 higher; cows 1.00-2.00 higher; slaughter heifers and bulls not tested. Supply included 64 percent slaughter steers and 34 percent cows.

SLAUGHTER STEERS: Couple head high Choice and Prime 2-4 1200-1350 lb. 67.50-69.50; few head Good and Choice 1-2 1175-1325 lb. 66.75-69.00; Choice 2-4 1150-1425 lb. 64.00-67.10; high Good and low Choice 2-3 1050-1375 lb. 60.75-65.00; Good 2-3 55.00-60.00.

COWS: Breaking Utility and Commercial 2-4 37.00-41.00, couple 41.00-43.25; Cutter and Boning Utility 1-3 35.50-39.50, few 38.50-39.50; Canner and low Cutter 32.50-35.00.

BULLS: Couple yield grade 1 1260-2180 lb. 46.00-48.75; couple yield grade 2 38.25-40.50.

VEAL CALVES: Choice vealers absent, high Good and low Choice 1.00-5.00 lower. Supply included 27% in graded sale of which 64 percent sold to return to farm.

VEALERS: High Good and low Choice 115-220 lb. 42.00-54.00, 90-110 lb. 36.00-41.00, 70-90 lb. 28.00-36.00.

RETURNED TO FARM: 115 head 100-125 lb. 78.00-86.00, mainly 85.00-86.00, 25 head 90-100 lb. 60.00; 20 head 110-120 lb. small frame 74.00, 35 head 90-105 lb. 39.00-42.00.

SHEEP: None.

GOATS: None.

New Holland Livestock

New Holland, Pa.
Thursday, Dec. 26

CATTLE 879: Compared to last Thursday small supply slaughter steers firm to 1.00 higher; slaughter heifers .50-1.00 higher; cows fully steady; bullocks scarce; bulls 1.00-3.00 higher. Supply included 31 percent slaughter steers and 58 percent cows.

SLAUGHTER STEERS: Choice 2-4 1125-1475 lbs. 64.00-66.85; high Good and low Choice 2-3 1100-1450 lb. 59.75-64.00; Good and Choice 1250-1450 lb. Holsteins 47.00-50.50, few Choice 50.50-52.00; Standard and low Good 1050-1325 lb. 42.00-47.00.

SLAUGHTER HEIFERS: Few Choice 2-3 1050-1510 lb. 60.00-65.00; few Good 2-3 950-1100 lb. 55.00-60.00.

COWS: Breaking Utility and Commercial 2-4 36.50-40.50, several 40.50-42.00; Cutter and boning Utility 1-3 34.75-39.00, few 39.00-40.40; Canner and low Cutter 32.00-34.50, few 30.00-32.00.

BULLOCKS: Few Good 1-2 1050-1325 lb. 52.75-54.75.

BULLS: Yield grade 1 1350-2050 lb. 47.50-52.75, few 53.00-55.60; yield grade 2 1000-1350 lb. 42.75-47.00.

VEAL CALVES 695: Small supply Choice and Prime vealers 3.00-5.00 higher, high Good and low Choice 70-110 lb. 4.00-6.00 lower. Bulk of the 95-120 lb. Holtein bulls sold to return to farm.

VEALERS: Few head high Choice and Prime 240-310 lb. 101.00-109.00, couple 112.00-113.00; Choice 170-275 lb. 88.00-99.00, couple 100.00-104.00; high Good and low Choice 120-280 lb. 60.00-83.00, 110-120 lb. 44.00-55.00, 80-105 lb. 35.00-45.00, few 45.00-49.00, 65-80 lb. 23.00-33.00.

RETURNED TO FARM: Bulk 95-120 lb. Holstein bulls 85.00-100.00, with about 50 head 101.00-107.00; Several small frame 90-110 lb. 55.00-70.00.

SHEEP 18: Insufficient volume to fully test stands, few Good and Choice 80-120 lb. wooled lambs 58.00-67.00, couple Choice 65-80 lb. 78.00-83.00.

GOAT 1: No market test

Lancaster County Weekly

Friday, December 27
Report Supplied by PDA

	Cattle	Calves
This Week	2100	1350
Last Week	4563	1653
Last Year	2129	1227

CATTLE: Sl. steers firm to 1.00 higher; sl. heifers steady; cows fully steady with last week's close; bullocks scarce; bulls closed 1.00 to 3.00 higher. Supply included 44 per cent sl. steers, 6 per cent sl. heifers, 41 per cent cows, 4 per cent bulls with the balance feeders.

SLAUGHTER STEERS: Few high Choice & Prime 2-4 1175-1350 lbs. 67.50-69.50; few head Good & Choice 1-2 1175-1325 lbs. 66.75-69.00; Choice 2-4 1075-1475 lbs. 64.00-67.10, few early 63.00-64.00; high Good & low Choice 2-3 1050-1375 lbs. 59.75-64.00, few Good 2-3 55.00-60.00; Good & Choice 1100-1450 lb. holsteins 45.75-50.50, couple Choice 50.50-52.00; Standard & low Good 1050-1350 lbs. 40.00-46.00.

SLAUGHTER HEIFERS: High Choice & Prime 2-4 1100-1250 lbs. 63.50-65.00; Choice 2-3 975-1250 lbs. 59.50-63.50; Good 2-3 850-1050 lbs. 51.00-58.00.

COWS: Breaking Utility & Commercial 2-4 36.50-40.50, several 40.50-42.00; Cutter & Boning Utility 1-3 34.50-39.00, few 39.00-40.50; Canner & low cutter 32.00-35.00, few 30.00-32.00.

BULLOCKS: Few Good 1-2 1050-1325 lbs. 52.75-54.75.

BULLS: YG 1, 1350-2050 lbs. 46.50-52.75, few 53.00-55.60; YG 2, 1000-1400 lbs. 40.50-47.00, couple 900-1050 lbs. 38.25-41.00.

VEAL CALVES: Vealers uneven, small supply Choice & Prime 3.00 to 5.00 higher; bulk of supply high Good and low Choice 70-110 lbs. selling 4.00-6.00 lower; large share of 95-125 lb. holstein bulls sold to return to farm.

VEALERS: Few head high Choice & Prime 240-310 lbs. 101.00-109.00, couple 112.00-113.00; Choice 150-300 lbs. 80.00-99.0, high Good & low Choice 160-300 lbs. 60.00-83.00, 120-160 lbs. 44.00-58.00, 80-105 lbs. 35.00-45.00, few 45.00-49.00, 65-80 lbs. 23.00-35.00.

RETURNED TO FARM: Bulk 100-125 lb. holstein bulls 78.00-100.00, with around 50 head 101.00-107.00, several small frame 90-120 lbs. 55.00-70.00, with around 35 head 39.00-42.00. SLAUGHTER CALVES: Good and Choice 270-450 lbs. 45.00-57.00, few 450-550 lbs. 30.00-42.00.

RETURNED TO FARM: Bulk 100-125 lb. hol. bulls 70.00-90.00, around 175 head 90.00-97.00, several mainly small frame 100-115 lbs. 70.00-75.00, few 90-100 lbs. 40.00-60.00.

Weekly Summary

Harrisburg, PA
Friday, December 27
Report supplied by PDA
7 Livestock Markets

CATTLE: 2903. Compared with 6465 head last week and 1482 head a year ago. Compared with last Friday's summary, small supply of all species due to Holiday scheduling. Sl. steers steady to 1.50; spots 2.00 higher; sl. heifers and bulls uneven; sl. cows uneven, mostly steady to 1.00 higher; sl. bullocks no test; few High Choice & Prime No. 3-4 sl. steers 67.50-69.50; Choice No. 2-4, 62.75-67.10; Good 55.00-63.00; Standard 44.00-52.00, few 55.00; few Choice sl. heifers 59.50-65.00; few Good 51.00-60.00; few Standard 41.00-47.00; Breaking Utility & Commercial sl. cows 35.75-40.50, few 41.00; Cutter & Boning Utility 33.50-39.00; Canner & Low Cutter 28.00-34.50; Shells down to 19.00; Yield Grade No. 1, 1000-2050 lb. 43.00-48.75, few 52.75; Yield Grade No. 2, 900-1450 lb. 38.50-42.00, few to 47.00.

FEEDER CATTLE: Med. & Large Frame No. 1, 400-600 lb. steers 48.00-55.00, few to 58.00; Med. & Large Frame No. 1, 350-600 lb. feeder heifers 38.00-47.00, few 50.50; few Med. Frame No. 1, 400-600 lb. feeder bulls 40.00-50.00.

CALVES: 2522. Compared with 3884 head last week and 1243 head a year ago. Vealers mostly steady; spots 2.00 lower; few Prime vealers 101.00-109.00; Choice 80.00-90.00; Good 65.00-82.00; Standard & Good 110-130 lb. 48.00-60.00; 90-110 lb. 35.00-48.00; 65-85 lb. 28.00-40.00; Utility 50-100 lb. 18.00-33.00.

FARM CALVES: Hol. bulls 90-130 lb. 50.00-100.00, mostly 60.00-85.00.

HOGS: 3805. Compared with 5577 head last week and 3359 head a year ago. Barrows & Gilts mostly steady; spots 1.00 lower; US No. 1-2, 210-245 lb. 48.00-49.85, few 52.00, No. 2-3, 200-250 lb. 45.00-49.00; No 2-4, 220-285 lb. 43.00-48.00; US No 1-3, 300-600 lb. sows 35.00-39.00, few 40.00; No. 2-3, 300-685 lb. 32.00-37.00; boars 27.00-30.00.

FEEDER PIGS: 134. Compared with 879 head last week and 560 head a year ago. Steady to 4.00 lower; US No.1-3, 20-35 lb. 14.00-23.00 per head; 35-50 lb. 20.00-33.00, few 50-85 lb. 27.00-37.00 per head.

SHEEP: 594. Compared with 1741 head last week and 414 head a year ago. Wooled sl. lambs uneven; High Choice & Prime 85-105 lb. 68.00-74.00; 40-75 lb. 70.00-90.00; Choice 70-105 lb. 65.00-70.00, Good & Choice 80-115 lb. 45.50-64.00; sl. sheep 17.00-28.00, few 35.00.

2 GRADED FEEDER PIG SALES: 1476. Compared with 4214 head last week and 790 head a year ago. Feeder pigs uneven, mostly steady, 7.00 higher; US No. 1-2, 25-40 lb. 82.00-94.00; 40-50 lb. 70.00-84.00; 50-60 lb. 65.00-84.00; 60-90 lb 45.00-62.00; US No. 2-3, 30-45 lb 70.00-84.00; 55-70 lb. 56.00-64.00.

Open 24 hours a day
365 days a year
(717) 394-2611

LANCASTER STOCK YARDS

AUCTIONS

MONDAY
9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs

TUESDAY
9:00 A.M. —Slaughter Hogs
1:00 P.M. —Feeder Pigs

WEDNESDAY
8:00 A.M. —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. —Veal Calves, Lambs

FRIDAY
11:00 A.M. —Stocker and Feeder Cattle

SATURDAY
8:00 A.M. —Slaughter Hogs

LANCASTER STOCKYARDS, INC.

Holiday Schedule
No Auction Wed., Jan. 1st

1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 90 Years

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Saturday
9 A.M.
Hog Sale
Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt 30

B&R CATTLE CO.
RD 1, Marietta, PA 17547
Office Phone:
(717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph: (717) 653-5728
RON RANCK
Ph: (717) 656-9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE:
JONESTOWN
865-2881
Flea Market Auction every Tuesday at 12:30.
Tools, Eggs, Produce, etc
Buyers & Sellers Welcome

HOG MARKETS

New Holland Sales Stables

New Holland, PA.

No feeder pig sale or dairy auction was held Wednesday, Dec. 25, due to this Christmas holiday.

Vintage Hogs

Vintage Sales Stables
New Holland, Pa.
Saturday, Nov. 21
Report Supplied by Auction

1s and 2s. 210-255 lbs., 48.00-49.25; Sows, 350-600 lbs., 34.00-38.00; boars, 240-600 lbs., 33.00-34.50.

Indianapolis Hogs

Thursday, Dec. 26
Report supplied by USDA

400 - Barrows & gilts active, 1.00 to mostly 1.50 higher. US 1-3 240-260 lb. 49.50.

BOARS & SOWS: Scarce early.

Peoria Hogs

Thursday, Dec. 26
Report supplied by USDA

1700 - Barrows & gilts 1.00-1.50 higher.

US 1-2 200-240 lb. 49.00-49.50, 400 head 50.00 (for Comm Dlvy); US 1-3 200-250 lb. 48.50-49.00.

SOWS: Under 500 lb. 1.00-1.50 higher; over 500 lb. fully steady. (11%).

US 1-2 350-500 lb. 36.50; US 1-3 500-650 lb. 39.00 to mostly 39.50.

St. Louis Hogs

Thursday, Dec. 26
Report supplied by USDA

3000 - Barrows & gilts very active, 1.50-2.00 higher.

US 1-3 210-260 lb. 48.75 to mostly 49.00; US 2-3 260-270 lb/mostly 48.00-48.25; 270-290 lb. 46.00-47.00.

SOWS: Under 500 lb. 50 higher, over 500 lb. 1.00 higher. (10%). 300-500 lb. 36.00-36.50; Over 500 lb. 38.00-40.00.

BOARS: Over 300 lb. 27.00-28.00; under 300 lb. 29.00-30.00.

Lancaster Feeder Pigs

Tuesday, Dec. 24
Report supplied by USDA

Today	640
Last Tuesday	1051
Last Year	Holiday

TREND: Compared to last Tuesday feeder pigs 10.00-15.00 higher. Supply included about 70 percent sold for slaughter. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 115 head 30-39 lbs. 86.00-94.00; 110 head 40-49 lbs. 74.00-84.00; 65 head 50-59 lbs. 72.00-84.00; 8 head 62-76 lbs. 57.00-62.00.

US 2-3: 25 head 40-44 lbs. 76.00-84.00; 45 head 56-69 lbs. 56.00-64.00.

SLAUGHTER: 35 head 20-32 lbs. 123.00-139.00; 80 head 34-39 lbs. 93.00-106.00; 20 head 42 lbs. 79.00-92.00.

Lancaster Hogs

Lancaster Stockyards
Monday, Dec. 23
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts steady, instances 25 lower; sows steady to 1.00 lower.

BARROWS AND GILTS: US 1-2 210-240 lb. 48.85-49.85; US 1 210-250 lb. 51.00-52.00, 12 head 52.75-53.00; US 1-3 200-260 lb. 48.00-49.00; US 2-4 225-265 lb. 47.00-48.00.

SOWS: US 1-3 350-650 lb. 33.00-35.00.

Tuesday, Dec. 24

Today	194
Last Tuesday	120
Last Year	Holiday

TREND: Small supply barrows and gilts steady.

BARROWS AND GILTS: US 1-2 210-245 lb. 49.10-49.60; US 1-3 210-250 lb. 48.00-49.00, One 19 head lot 205 lb. 47.50; US 2-4 264-275 lb. 46.00-47.50.

New Holland Hogs

New Holland Sales Stables
Monday, Dec. 23
Report supplied by auction

Today	1145
Last Monday	1158
Last Year	860

TREND: Compared to last Monday barrows and gilts steady to 50 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 48.50-49.00, Couple lots 49.10-49.35. US 1 210-240 lb. 49.75-50.00, Few lots 195-210 lb. 49.00-49.50. US 1-3 210-260 lb. 47.50-48.50.

Virginia Auction Summary

Dec. 19-25
Report supplied by VDA

Due to the holiday there are no market reports from Northern, South and Southwest Virginia.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Week To Date (Est.)	321,000	37,000	*751,000	68,000
Same Pd. Lt. Wk. (Est.)	497,000	53,000	1,264,000	96,000
Same Pd. Lt. Yr. (Act)	308,000	30,000	789,000	72,000

Chicago Grain Futures

(Closing Bids as of Thursday, Dec. 26)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Nov.				
Dec.				
Jan.'86			5.35½	148.80
Mar.'86	2.49¼	3.44½	5.48¾	152.90
May '86	2.52½	3.24½	5.59½	155.30
July '86	2.53	2.91¾	5.68¾	157.70
Aug. '86			5.67½	158.00
Sept. '86	2.38¼	2.91½	5.49	154.50
Nov. '86			5.45¾	
Dec. '86	2.27½	3.02		153.40
Jan. '87			5.56	

Trends - Corn - sideways; Soybeans - sideways; Wheat - stronger; Soybean Meal - stronger.

Futures Trading

(Closing Bids as of Thursday, Dec. 26)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Nov.			
Dec.			
Feb. 86'	62.90	47.32	
Apr. 86'	62.85	43.37	
May 86'			2.33
June 86'	62.82	45.90	
July 86'		46.35	
Aug. 86'	61.35	44.85	
Oct. 86'	59.85	41.95	
Nov. '86			3.40

Trends - Cattle - stronger; Hogs - stronger

Ellis reelected by NJ Farm Bureau

TRENTON — Walter Ellis, a sweet corn grower from Crosswicks, was re-elected to a second three-year term as President of the New Jersey Farm Bureau during the group's annual convention.

"I am honored to be chosen by the delegates to serve the New Jersey Farm Bureau for another term," said Ellis. "The next years will be crucial years for New Jersey's farmers. We face some very difficult decisions and issues involving farmland preservation — and preserving the farmer."

Also elected to two-year-terms as Directors were: Calvin Bliss of Woodcliff Lakes, Bergen County; John Rigolozzo, Jr. of Berlin, Camden County; Walter Hitchner of Bridgeton, Cumberland County; Douglas Zee of Richwood, Gloucester County; Gary Mount of Princeton, Mercer County; Howard Waters of Englishtown, Monmouth County; William Ford of Point Pleasant, Ocean City; and Linda DuBois of Elmer, Salem County.

Three awards were given during this year's convention, held recently at the Sheraton Paste Inn in Cherry Hill.

Marge Van Ness, well known throughout the state for her agricultural activities and leadership in the equine industry, received the New Jersey Farm Bureau Distinguished Service to New Jersey Agriculture Award. Mrs. Van Nuss, 71, operates a 95-acre farm in Flemington.

Gosta "Swede" Lovgren of Point Pleasant, received the Arthur H. West Distinguished Service Award for his dedication to the New Jersey Farm Bureau. Lovgren, a fisherman, has been instrumental in helping the NJFB serve the fisheries industry.

Ed Shamey, a reporter for the Easton (Pa.) Express, received the New Jersey Farm Bureau's Excellence in Journalism Award. Shamey writes on agricultural issues and formerly worked for the Today's Sunbeam in Salem County and its sister paper, the Gloucester County Times.

Beth Pool of Mickleton was honored as Woman of the Year. She has been active for over 25 years in promoting the dairy industry and 4-H.

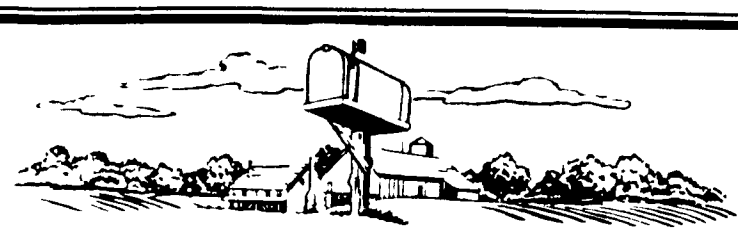
TO BETTER EQUIPMENT
Find It In Lancaster Farming's Classified Pages.

We Are Happy To Announce As Of December 9th Ed Prosser Is Associated With Us As Manager Of Our Hog Department

HOLIDAY SCHEDULE
We Will Be Closed Wednesday, January 1st, New Year's Day

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136

An Old Line Commission Firm Keeping Abreast With The Times



In this issue

Four Sections

Departments

Farm Calendar	A10
Classified Ads	B26,C 2
Livestock Latest	D 2
Business News	D 6
Mailbox Markets	D29
Public Sales	D33

Dairy

Dairy Marketing	A32

Columns

Now is the Time	A10
The Dairy Busine	A33
On being a farm	B 4
Have You Heard	B 5
The Micro Way	B 9
Ida's Notebook	B14
Brockett's Ag Advice	B22
Livestock Ledger	C 2
Pork Prose	C 2
Farm Talk	C 4

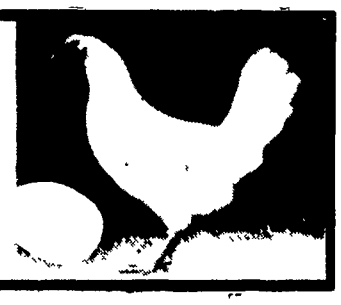
Features

Farm Calendar	A10
Classified Ads	B28,C10
Livestock Latest	C 2
Business News	C 6
Mailbox Markets	B39
Public Sales	B41

Home and Youth

Homestead Notes	B 2
Home on the Range	B 6
Cook's Question Corner	B 8
Kid's Korner	B10
Craft Corner	B15
State College Market Gardeners	B16
Farm Women News	B18

POULTRY MARKETS



Weekly New York Egg Market National Quotes

From Friday, Dec. 20 to Thursday, Dec. 26

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.79	.79	.79	—	.79
Ex. Large	.78	.78	.78	—	.78
Large	.78	.78	.78	—	.78
Medium	.72	.72	.72	—	.72
Pullets	.52	.52	.52	—	.52
Off Grade	.65	.65	.65	—	.65
BROWN					
Jumbo	—	—	—	—	—
Ex. Large	.92	.92	.92	—	.92
Large	.89	.89	.89	—	.89
Mediums	.73	.73	.73	—	73
Pullets Unquoted					
Peewees Unquoted					
Off Grade					
Undergrades	.34	.34	.34	—	.34
Checks	.32	.32	.32	—	32

Northeast Breaking Stocks

Friday 40.00-43.00.

N.E. Weekly Shell Egg Report

Tuesday, Dec. 24

Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.88-.92	.86-.90	.78-.82	.49-.53
Mostly	.90-.91	.88-.89	.80-.81	.51-.52
R.I.	.87-.96	.85-.94	.77-.86	.48-.57
Mostly	.87-.88	.85-.86	77-.78	.48- 49
VERMONT	.95-1.00	.89-.98	.77- 92	
Mostly	1.00	98	90	
MAINE	.95-1.02	.93-1.00	85- 92	56- 58

X Includes Central and Western Sections only

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Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Dec. 17
Report Supplied by Auction

Heavy Fowl: .10-.35.
Leghorn Fowl: .02-.10.
Roasters: .50-.65.
Bantams: .10-.55.
Geese: .20-.45.
Roosters: .20-.75.
Ducks: .25-.60.
Rabbits: .50-1.50.
Pigeons: 1.00-1.80.
Guineas: .60-1.25.

Eggs

Grade A: White Jumbo X Lge. .64-.83, Brown .86-.98.

Grade A: White Large .50-.78, Brown .45-.87.

Grade A: White Medium .44-.68, Brown .40-.48.

Grade A: White Small .38-.44, Brown .22-.35.

Philadelphia Eggs

Thursday, Dec. 26
Report supplied by USDA

Market Comment: Prices were unchanged. Trade sentiment fully steady. Cartoned egg orders ranged good to very good throughout the area. Floor stocks are in close balance at most points. Nest run pickups at the farm level are more frequent than normal as graders attempt to keep pace with the heavy call from retail outlets. In some instances packers are scheduling overtime on both Saturday and Sunday.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .75-.77; A Large .74-.76; A Medium .67-.69.

New York Multiple Drop Broiler Report

Thursday, Dec. 26
Report supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .45-.51.

Weighted AVG.: U.S. Grade A 49.76.

Premium (X) Boxes 7,445.

(X) Includes special services, selected competitive brands, etc.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Dec. 23
Report Supplied by Auction

Heavy Fowl: .05-.50.
Geese: .45-.65.
Roosters: .05.
Ducks: .60-1.30.
Rabbits: 1.25-1.80.
Guineas: 1.35-1.40.

Eggs

Grade A: White Jumbo X Lge. 60-.85, Brown .90-1.02.

Grade A: White Large .50-.78, Brown .53-.90.

Grade A: White Medium .37-.65, Brown .32-.60.

Grade A: White Small .25-.35, Brown .27-.37.

Grade A: Brown Pee Wees .16.

Eastern Pa. & N.J. Poultry

Wednesday, Dec. 25
Report supplied by USDA

Market Comment: Prices trended two to three cents lower. Buying interest is only fair as most processors have reduced the slaughter schedules during the year end holiday period. Producer offerings continued ample. Interest for further processed products was fair.

Light Type Hens: .09-.11, mostly .09-.10.

F.O.B. Plant: .11-.12, mostly .12.

Delmarva Poultry

Thursday, Dec. 26
Report supplied by USDA

Market Comment: Buying interest continued good for whole birds and parts with breast and wing items in best call. Processor offerings were light, and some demand for prompt shipment were on a back-order basis. Demand for the week of Jan. 5 was spotty but also good due to promotional activity.

Today's processing schedules were heavy. Light weights were light in some instances, desirable in others and were occasionally on the heavy side.

Today's L.T.L. asking prices ranged .47-.53 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 12/26 2,004,000; Actual 12/19 1,585,000.

Actual 12/24 672,000; Average Weights 12/24 4.58; Avg. Wghts 12/17 4.36

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Dec. 24
Report supplied by auction

No sale held due to Christmas holiday. There will be a sale Tuesday, Dec. 31.

New Holland Hay

New Holland Sales Stables
Monday, Dec. 23
Report supplied by auction

220 loads. Prices were fully steady.

Alfalfa, 14 loads, at 100.00-151.00, 19 at 80.00-100.00, 21 at 60.00-80.00 and 2 with mold, 42.00-54.00.

Mixed Hay, 1 load Timothy & Alfalfa, 160.00, 9 loads, 90.00-142.00, 22 at 75.00-90.00, 13 at 60.00-75.00, a few for mulch, 50.00-60.00.

Timothy, 11 at 80.00-100.00, 5 loads, 70.00-80.00, 6 at 60.00-70.00; Mixed Grass & Stubble Hay, 6 loads at 52.00-78.00; Clover, 3 at 67.00, 70.00 and 77.00.

Straw, 13 at 80.00-86.00, 14 at 70.00-80.00, 8 at 60.00-70.00.

Ear Corn, 9 loads at 67.00-79.00; Shelled Corn, 1 at 2.70 bu.; Corn Fodder, 35.00 and 48.00; Oats, bulk 1.45 bu., 1.64-1.80 bu. bag.

Rye Seed, 1.60-1.90 bu., Firewood, 39.00-58.00, sm. pick-up load.

Good's Auction

Leola, Pa.
Wednesday, Dec. 18, 1985

65 Loads Hay & 19 Loads Straw & 9 Ear Corn.

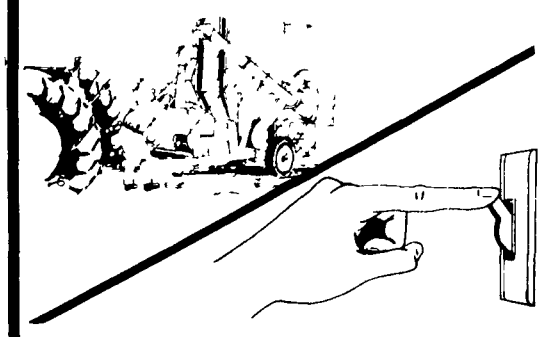
Alfalfa 67.00-145.00 mostly 79.00-106.00; Mixed Hay 49.00-125.00 mostly 57.00-90.00; Timothy Hay 61.00-98.00; Orchard Grass One load 63.00; Straw 55.00-96.00 mostly 60.00-91.00; Ear Corn 66.00-73.00 one load 81.00; Corn Fodder one Load 40.00; Oats 2 loads 1.10 & 1.40 per bushel.

Vintage Hay And Straw

Vintage Sales Stables
Thursday, Dec. 26
Report supplied by auction

Straw, 71.00-84.00; Timothy, 60.00-79.00; Mixed Hay, 60.00; Alfalfa, 89.00.

WINTER JOYS?



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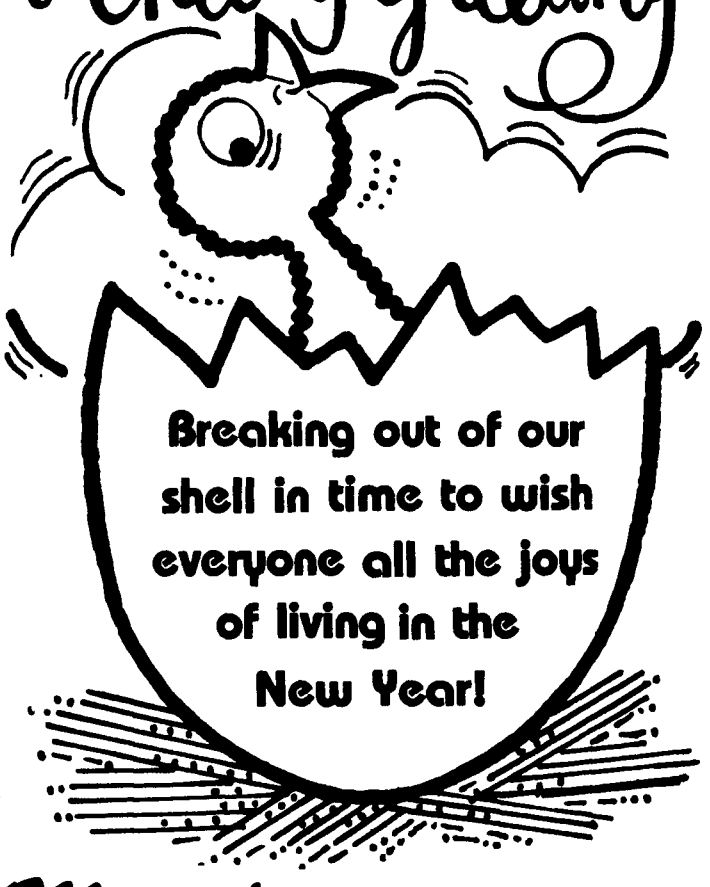


Breaking out of our shell in time to wish everyone all the joys of living in the New Year!

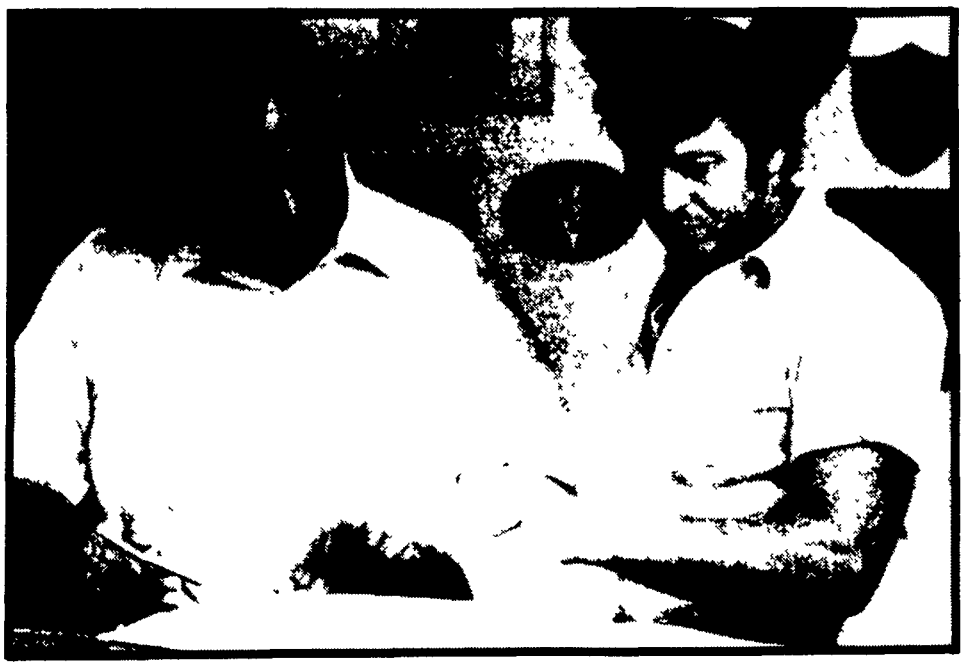
Moyer's CHICKS, INC.

DEKALB BROWN & WHITE EGG LAYERS

Quakertown, PA 18951
(215) 536-3155

HUBBARD WHITE MT. BROILERS

PENNFIELD PROMOTES DAIRY PROFIT PROGRAM



Records showing the true cost to produce 100 lbs. of milk or a bushel of corn are the basis for determining profitability.

WHY GOOD RECORDS?

Good financially sound businesses have as their foundation a good accounting system that provides accurate records showing the operating conditions on a timely basis. The good manager is able to use these records to:

1) correct profitability problems,
2) plan necessary cash requirements,
3) analyze feasibility of equipment purchases and
4) develop future operating plans.

PROGRAM GUIDELINES

In order to insure the financial soundness of our dairy customers, Pennfield is establishing a program to promote timely and accurate dairy profit management. To participate in Pennfield's Dairy Profit Program, the dairyman needs the following:

1) An approved farm financial records program;
2) The records program must have the operation set up by enterprise.
   i/e. 1) cropping, 2) dairy, 3) poultry;
3) The records program must furnish accurate monthly reports for each enterprise.

PENNFIELD PAYS

For approved customers participating in the Pennfield Dairy Profit Program, Pennfield will help the dairyman pay for his 1986 farm financial records program.
Payment will be based as follows:

$1.00 per ton of complete feed purchased
$3.00 per ton of concentrate purchased
up to 50% of the total bill, but not to exceed $300.00

APPROVED PROGRAMS

1) P.F.A. New-improved cash flow program "AG-CAPS" the agricultural computerized accounting profits system.
2) Farm Credit Service - "AGRIFAX SYSTEMS"

THIS PROGRAM IS EFFECTIVE FOR THE 1986 CALENDAR YEAR!

For More Information - Call Toll Free

From PA
1-800-732-0467

From MD, DE & NJ
1-800-233-0202

pennfield feeds

Quality - Performance - Service

HAY MARKETS

Leinbach's Hay

Shippensburg, Pa.
Dec. 21 and Dec. 24
Report supplied by auction

55 Loads.

Alfalfa, 59.00-102.50; Mixed, 30.00-72.50; Timothy Hay, 55.00-67.00; Clover Hay, 44.00-58.00; Orchard Grass, 40.00-61.00; Straw, 44.00-89.00; Ear Corn, 77.00; Firewood; 20.00-38.00 pick-up load.

King's Hay

Kirkwood, Pa.
Tuesday, Dec. 24
Report supplied by auction

Alfalfa, 56.00-84.00; Alfalfa Mix, 65.00-93.00; Mixed Hay, 69.00-76.00; Timothy and Timothy Mix, 64.00-80.00; Straw, 70.00-79.00.

New Holland Sales Stables

New Holland, Pa.
Monday, Dec. 16

115 Loads Hay & 29 Loads Straw & 3 Ear Corn.

Alfalfa 65.00-156.00, mostly 71.00-111.00; Mixed Hay 42.00-130.00 mostly 54.00-106.00; Timothy Hay 57.00-101.00, one load 51.00; Clover one load 70.00; Grass one load 60.00; Straw 64.00-93.00 mostly 68.00-85.00; Ear Corn 66.00-75.00; Oats 3 loads 1.50-1.95 per bushel.

Keisters Livestock

Middleburg, Pa.
Tuesday, Dec. 17, 1985

24 Loads Hay & 12 Loads Straw.

Alfalfa one load 85.00; Mixed Hay 50.00-90.00 few to 40.00; Timothy Hay One load 74.00; Straw 55.00-72.50; Oats one load 1.15 per bushel.

Leinbach Farm Market

Shippensburg, Pa.
Tuesday, Dec. 14 & 17, 1985

38 Loads Hay & 14 Loads Straw & 2 Ear Corn.

Alfalfa 60.00-100.00; Mixed Hay 50.00-75.00 few to 93.00; Timothy Hay 46.00-70.00; Straw 65.00-85.00; Ear Corn 73.00 & 78.00; Corn Fodder One load 40.00.

Dewart Livestock

Dewart, Pa.
Monday, December 16, 1985

Alfalfa 56.00-73.00; Mixed Hay 40.00-58.00 one load 70.00; Timothy Hay 2 loads 62.00 & 74.00; Straw 36.00-74.00 mostly 58.00-62.00.

Pa. Grain

Monday, Dec. 23
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central, PA. Corn & Soybeans steady to 15 cents higher; Wheat uneven, steady to strong; Barley steady to 5 cents higher; Oats steady to 10 cents higher; New Ear Corn steady to $5.00 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.40-2.75, average 2.58, New Crop* 2.18-2.39; @Wheat No. 2 range 2.94-3.40, few reported 3.57, average 3.24, New Crop* 2.56-2.99; Barley No. 3 range 1.40-1.85, average 1.65, New Crop* 1.00-1.75; Oats No. 2 range 1.00-1.25, average 1.20, New Crop* .80; Soybeans No. 1 range 4.95-5.27, average 5.11, New Crop* 4.98; *Gr. Sorghum #2 range 2.15, average 2.15; #New Ear Corn range 60.00-65.00, few reported 53.00, average 61.73.

Central Pennsylvania

Corn No. 2-y range 2.20-2.60, average 2.42; @Wheat No. 2 range 3.00-3.10, few reported 3.40, average 3.07; Barley No. 3 range 1.45-1.65, average 1.55; Oats No. 2 1.00-1.20, average 1.06; Soybeans No. 1 4.50-4.80, average 4.66; *Gr. Sorghum #2 range 2.35, average 2.35; #New Ear Corn 45.00-57.00, average 51.43.

South Central Pennsylvania

Corn No. 2-y range 2.30-2.50, average 2.39; @Wheat No. 2 2.50-3.10, average 2.76; Barley No. 3 1.50-1.70, few reported 1.90, average 1.65; Oats No. 2 .95-1.25, average 1.09; #New Ear Corn 45.00-63.00, average 56.38.

Western Pennsylvania

Corn No. 2-y range 2.20-2.50, average 2.35; @Wheat No. 2 range 2.50-2.65, average 2.60; Oats No. 2 range 1.00-1.25, average 1.14.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.25-2.75, average 2.49; @Wheat No. 2 range 2.75-3.40, average 3.05; Barley No. 3 range 1.45-1.85, average 1.62; Oats No. 2 range 1.00-1.35, average 1.11; Soybeans No. 1 range 4.50-5.27, average 4.92; #New Ear Corn range 45.00-65.00, average 57.31.

Belleville Livestock

Belleville, Pa.
December 18, 1985

32 Loads Hay & 7 Loads Straw.

Alfalfa 55.00-82.50; Mixed Hay 47.50-65.00; Straw 55.00-77.50.

New Wilmington Livestock

N. Wilm., Pa.
December 20, 1985

49 Loads Hay & 9 Loads Straw & 4 Ear Corn.

Alfalfa 60.00-86.00 one load 97.50; Mixed Hay 44.00-79.00 few to 30.00; Timothy Hay 40.00-67.50 few to 31.00; Clover one load 55.00; Straw 35.00-85.00; Ear Corn 70.00-85.00; Oats 11 loads 1.17½-1.35 per bushel, one load 1.02½.

Green Dragon Hay

Friday, Dec. 20
Report supplied by PDA

96 Loads Hay & 51 Loads Straw & 5 Ear Corn.

Alfalfa 65.00-106.00; Mixed Hay 51.00-100.00 mostly 61.00-90.00; Timothy Hay 61.00-100.00 mostly 70.00-87.00; Clover one load 72.00; Straw 70.00-85.00 few to 63.00; Ear Corn 69.00-76.00, one load 92.00; Corn Fodder one load 43.00; Oats 4 loads 1.30-1.70, one load 2.20 per bu.

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SPECIAL NOTICE
VINTAGE SALES STABLES, INC.
Rt. 30, 10 miles east of Lancaster in Paradise, Pa.
HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.
For info. 717-442-4181 or 215-458-8518
L. Robert Frame, Sr., Manager

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS

HEIFERS, BULLS
NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster on Route 23, New Holland, Penna
The Action Auction
717-354-4341
Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

SPECIAL CONSIGNMENTS FOR
Wed., January 8, 1986
FEEDER PIG SALE
10 Bred Gilts & Sows
2 White Kleenleen Boars, Used 1 Yr.

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

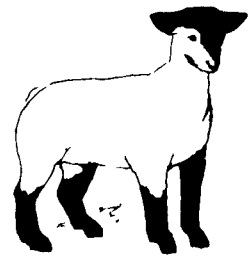
11:00 AM

BULLS -

STEERS - BEEF COWS

3:30 P.M.

CALVES



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Westminster Livestock Auction

Hagerstown, Md.
Monday, Dec. 17
Report supplied by auction

SLAUGHTER COWS 125 Hd steady prices High Yield few to 38 00; Utility 33 00-37 00; Canners 29 00-32.00; Shelly 29 00-Down Bulls- 12 Hd 1 High Yield At 47 00, Good 40.00-44.00; Fed Steers- 25 Hd Choice 58.00-60.00; Good 51 00-57 00; Holstein 43.00-47.00. Fed Heifers- Few Good 47.00-53 00. Veal Calves- 125 Hd Few Good To 62 00; Killers $2 00 To $3 00 Lower; 80-100 lb 38 00-45.00; Weak/Rough 35 00-Down; Farm Calves- $15 00 Under Last Wk Holstein Bulls 100-120 lb 68 00-78 00; Few 80.00-90 00 Holstein Heifers Few 100-120 lb 45 00-50.00 Butcher Hogs- $1 50 Higher US #1 Plus 3 215-240 lb 47 25-47 85, 240-270 lb 45 00-47 00, 280-325 lb. 40 00-44 00 Boars- 450-700 lb 30.00-31 25

STOCK CATTLE- 75 Hd Steers- 300-600 lb. 50.00-59 00, 700-1000 lbs 49 00-54 50 Heifers- 300-600 lb 40 00-46.50; 700-900 lb 32.00-40 00 Bulls-1 300-600 lb. 50 00-58.00; Some 44 00-50 00; 700-850 lb 35 43, One 1o 47.50. Lambs- 70 Hd. Choice 90 lb to 120 lb 61 00-69 00; Good 55.00-60.00, 50 lb.-90 lb Choice 60 00-68 00; Good 50.00-60.00 Sheep- Bucks Few To $17 50 Goats- 25 Hd Large 50.00-63 00; Medium 35.00-50 00; Small 25.00-35.00 Pigs & Shoats- 90 Hd. $5.00-8.00 Higher 20-30 lb 25 00-27.50; 30-50 lb 29.00-35 00; By the Lb. Stk Boars 200 lb at 31.00; 230 lb. at 57 00 Sows- 475-600 lb. 37 50-38 00; 300-520 lb 32 00-36 50

HOLIDAY SCHEDULE
Sale As Usual Dec 31st
HAPPY HOLIDAYS

Frederick Auction Will Be Open Dec. 23rd. & 30th. Hay 18 Loads - Alfalfa $69.00-79 00, $1.80 Bale Mixed Hay Up To $72 50, Timothy $67 50-71.00, $1.20 Bale, Straw $1 25-1 55, Wood $58 00 Cord

Four States Livestock

Hagerstown, Md.
Wednesday, December 18
Report supplied by Auction

SLAUGHTER: Fed Steers- Steady Prices. Low Choice 57.00-58.75; Good 52.00-56.00; Medium 51.00-Down. Heifers- Good 41.00-42.25; Medium 40.00-Down. Cows- Large Run $1.00 Higher. High Yield 38.00-40.00; Average 34.00-37.00; Big Middle 30.00-33.00; Fatty Herf. 29.00-32.00; Shelly 31.00-Down. Fat Bulls- Steady. Good 42.00-44.00; Medium 38.00-41.00; Veal Calves- No Choice Offered Steady Prices. Good 55.00-60.00; Medium 50.00-54.00; Farm Bulls 88.00-98.00; Light Calves 40.00-48.00; Weak Calves 39.00-down. Lambs- $2.00 Lower. Choice 65.00-66.00; Good 62.00-64.00; Medium 55.00-61.00. Sows- 450-675 36.00-40.00; Thin Sows 28.00-35.00.

STOCKER: STEERS- 300-550 lbs. Choice $2.00 Higher; Other Grades $2.00 Lower; Choice 59.00-64.00; Good 51.00-58.00; Medium 45.00-50.00; Culls 44.00-Down. Steers- 600-850 lbs. Choice 54.00-59.00; Good 48.00-53.00; Medium 47.00-Down. Heifers- (All Weight) Choice 43.00-46.00; Good 38.00-42.00; Medium 33.00-37.00. Bulls- Medium 36.00-42.50; Dairy Cows To $485.00; Pigs, Hd. Good Run $3.00 Higher 20-30 lbs. 12.00-29.00; 40-60 lbs. 30.00-42.00. Shoats By Lb. 39.00-44.00. Slaughter Hogs $1.00 Higher. 220-245 lbs. 46.50-47.35; 350-450 lbs. 36.00-39.00.

Next Sale Will Be Jan. 1, 6: P.M.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Dec. 24
Report supplied by auction

Calves- 15.00-96.00.
Cows 26.00-39.50.
Easy Cows 23.00-35.00.
Heifers 31.50-45.00.
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Hogs 26.00-47.00.
Roasting Pigs, each 14.00-43.00.
Boars 32.00-35.50.
Sows 31.00-33.00.
Sheep 20.00-67.00.
Lambs, each 26.00-72.00.
Lambs, per lb. .40-1.25.
Goats, each 43.00-100.00.
Kids, each 9.00-77.00.
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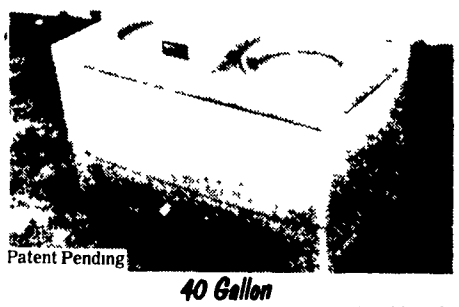

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Livestock market and auction news

Farmers Livestock Auction

Duncansville, Pa.
December 23, 1985
Report Supplied by PDA

CATTLE 238. Choice 63.25-64.75, High Good & Low Ch. 60.75-62.75, Good 51.25-58.50, Good & Choice holsteins 46.00-50.75, Standard 44.25-45.75, Utility 41.75-43.85. Choice sl. heifers 60.75-63.00, Good 56.25-59.50, Standard 49.00-54.10, Utility 44.75-48.50. Breaking Ut. & Commercial sl. cows 39.00-42.10, Cutter & Boning Ut. 36.25-38.75, Canner & Low Cutter 32.10-35.75, Shells down to 18.00; Choice sl. bullocks 46.00-50.75, Good 44.10-45.75, Standard 41.00-43.00, Utility 38.50-40.50.

FEEDER CATTLE: Steers Good 47.00-58.00, Standard 38.00-44.50, Heifers Good 44.00-48.00, Standard 37.00-43.00, Bulls Good 49.00-53.00, Standard 42.00-47.00.

CALVES 321. Choice 73.00-82.00, Good 64.00-71.00, Standard 54.00-61.50, Standard & Good 90 lb. to 130 lb. 42.50-45.50, Utility 40-60 lbs. 35.00-38.50.

FARM CALVES: Holstein bulls 95-130 lbs. 78.00-104.00, Holstein heifers 95-130 lbs. 46.50-61.00.

HOGS 97. US No. 1-2 210-230 lbs. barrows and gilts 49.50-50.25, No. 1-3 200-260 lbs. 48.00-49.25, No. 2-3 180-360 lbs. 44.25-47.25. US No. 1-3 350-600 lbs. sows 38.50-41.50, No. 2-3 350-600 lbs. 35.25-37.50. Boars 26.50-29.00, Light weight s 30.50-32.00.

FEEDER PIGS 15. US No. 1-3 20-30 lbs. feeder pigs 18.00-24.00 per head, No. 1-3 40-50 lbs. 27.00-38.00.

SHEEP: NONE.

GOATS: NONE

Morrison Cove Livestock

Martinsburg, Pa.
December 23, 1985
Report supplied by auction

CATTLE 178. Choice 63.50-65.00, High Good & Low Ch. 61.75-63.25, Good 56.50-59.75, Good & Choice holsteins 49.00-53.25, Standard 44.00-47.25, Utility 39.50-43.50. Choice sl. heifers 58.75-62.75, Good 54.00-57.25, Standard 49.50-53.00, Utility 41.50-48.00, Breaking Ut. & Commercial sl. cows 41.75-44.00, Cutter & Boning Ut. 37.25-39.50, Canner & Low Cutter 32.25-36.50, Shells down to 26.00. Choice sl. bullocks 46.00-49.25, Good 44.75-45.50, Standard 42.00-44.10, Utility 39.25-41.50.

FEEDER CATTLE: Steers Good 51.00-56.00 Standard 46.00-49.00, Heifers Good 48.00-52.00 Standard 41.00-46.00, Bulls Good 46.00-51.00 Standard 38.00-44.00.

CALVES 322. Choice 77.00-86.00, Good 69.00-75.00, Standard 58.00-67.00, Standard & Good 90 to 130 lb. 43.00-46.00, Utility 60-80 lbs. 38.00-42.00.

FARM CALVES: Holstein bulls 95-130 lbs. 80.00-106.00, Holstein heifers 95-130 lbs. 51.00-58.00.

HOGS 187: US No. 1-2 210-290 lbs. barrows and gilts 50.00-50.75, No. 1-3 200-260 lbs. 48.50-49.75, No. 2-3 180-360 lbs. 44.25-47.00. Sows US No. 1-3 350-600 lbs. sows 40.25-42.00, No. 2-3 350-600 lbs. 36.00-39.00. Boars 26.00-29.50, Light weights 30.75-33.00.

FEEDER PIGS 24: US No. 1-3 25-30 lbs. feeder pigs 18.00-23.00 per head, No. 1-3 40-50 lbs. 28.00-39.00.

SHEEP 2. 1 Lamb Choice 75 lbs. 63.00. 1 Ewe 26.00. GOATS None.

Valley Livestock

Athens, Pa.
Monday, December 23
Report supplied by auction

Holstein Hfr. Calves to 68.00.
Veal Calves 65.00-80.00.
Vealer Bull Calves 70.00-96.00.
Slaughter Calves 35.00-45.00.
Grassers & Feeders 32.00-50.00.
Lambs 50.00-63.00.
Sheep 15.00-25.00.
Hogs, 200 to 250 42.00-46.00.
Sows 32.00-38.50.
Boars 24.00-27.00.
Pigs 15.00-37.00.
Heifers 36.00-39.75.
Steers 38.00-46.00.
Steers, feeder 35.00-52.00.
Bulls 39.00-47.75.
Cows, utility 36.00-41.75.
Cows, fat 36.00-40.00.
Cows, medium 35.00-37.00.
Cows, poor or small 25.00-33.00.
Cattle Market higher.
Calf Market steady.
Horses, small 80.00-120.00.
Ponies 30.00-70.00.
Goats 20.00-47.00.

Remarks: Cattle market should be higher for the next 2 weeks.

Feeder Sale 1st Monday of Each Month.

Dairy Sale 3rd Thursday of Each Month.

Peoria Cattle

Thursday, Dec. 26
Report Supplied by USDA

Trading moderate on limited holiday week supply. Demand light to moderate. Slaughter Steers and Heifers closed steady. Cows 1.00 higher. Bulls steady. Supply mainly good to low choice Slaughter Steers and Heifers with 8% Cows. Estimated receipts this week about 1000 as compared with actual receipts of 2253 a week ago and 830 a year ago.

SLAUGHTER STEERS: Choice 2-3, mostly 3 1050-1250 lbs. 62.00-64.00; 1000-1050 lb. 62.00-63.00. Mixed Good and Choice 2-3 1000-1200 lb. 60.50-62.00. Good 2-3 900-1050 lbs. 57.00-61.00. Good, few Choice 2-3 Holsteins 1275-1350 lbs. 53.00-54.50.

SLAUGHTER HEIFERS: Choice 2-4, mostly 3 950-1150 lbs. 60.50-62.00; 900-950 lbs. 60.00-61.00. Mixed Good and Choice 2-3 900-1100 lbs. 58.50-60.00. Good 2-3 800-950 lbs. 56.50-59.50.

COWS: Cutter and Boning Utility 1-2 31.00-34.00, few high dressing 34.50-36.00. Canner and Low Cutter 28.00-31.00.

BULLS: YG 1-2 1200-1900 lbs. 38.00-44.00.

Joliet Cattle

Thursday, Dec. 26
Report Supplied by USDA

Sales this week about 500; last week 1,687; and a year ago 597. Trading moderate for the week. Slaughter Steers and Heifers .50 to 1.00 lower.

SLAUGHTER STEERS: Choice 2-4 1150-1350 lbs. 63.00-65.00, load mixed Good and Choice 2-4 1200# 62.50.

SLAUGHTER HEIFERS: Few Choice 2-4 1000-1200# 60.00-61.00. Few Mixed Good and Choice 2-4 950-1050# 59.00-60.00.

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- We will also accept your sows and boars
- Your Butcher Cattle & Calves will be received from 8 a m to 12 noon every Thursday We will either pay you for your cattle immediately or you may sell them dressed weight
- There will not be a commission or yardage fee deducted from your check
- You may call our office Monday mornings and we will be able to tell you the base price for hogs for the day

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Potato growers host largest-ever meeting

DENVER, CO — Seed potato growers, university researchers and industry suppliers met recently in Denver, for the largest-ever Annual North American Seed Potato Seminar.

Over 290 industry leaders participated in the seminar which featured presentations on all aspects of the seed potato industry — from micro tuber production to frost injury to marketing and contracting. Twenty one speakers from across the country, including researchers and growers, made presentations at the seminar.

The seminar was highlighted by two special presentations. Ed Walsh, a marketing consultant from Marion, Ohio, entertained attendees with his lecture — "The Do's and Don'ts of Selling (or How to Separate Your Buyer from His Money)". Walsh's lecture included humor and practical advice on getting ready to sell and effective presentation techniques.

"Almost all sales that are lost are not due to product or price," Walsh said. Instead, most sales are lost because of poor selling techniques, he said.

The seminar retained its international flavor this year with its second featured speaker, Dr. D.E. van der Zaag, coordinator of potato research for the Netherland's Ministry of Agriculture.

van der Zaag's technical presentation analyzed the world seed potato markets and the various countries' potential demands for certified seed.

The Annual North American Seed Potato Seminars, introduced by the National Potato Council in 1982, have grown to be the largest international, educational seminars for the seed potato industry. The seminars are currently being sponsored by the Council's affiliate organization, the National Potato Research and Education Foundation.

"This year's seminar surpassed even my expectations in terms of participants and in terms of quality, relevant information," Dan Hall, executive director of the National Potato Foundation said. "The seminar is growing and improving each year."

Proceedings from the seminar will be published and sent free of charge to all participants. Non-participants may order the proceedings for $30 (U.S. funds) from the Foundation office, 4685 Peoria St., Suite 101, Denver, CO 80239.

The Annual North American Seed Potato Seminars are cosponsored by the Certification Section of the Potato Association of America in cooperation with the state/provincial certification agencies and the National Potato Promotion Board. Several companies, including Plant Genetics, Inc., help to sponsor the seminars.

The hosting organization, the National Potato Foundation, is dedicated to the philanthropic and educational development of the potato industry.

The 1986 Seed Potato Seminar is scheduled for Dec. 4-6, 1986. A site for the seminar has not been announced.

Guernsey meeting set for March

LEBANON — The Pennsylvania Guernsey Breeders' Association has scheduled its annual meeting for March 14-15 at the Quality Inn in Lebanon.

Details on the meeting available from the PGBA office in Waynesboro.

Part-time, small farms

UNIVERSITY PARK — There are as many reasons for farming as there are part-time and small farmers in Pennsylvania.

Some families have jobs in town but prefer to live in the country; some grew up on a farm and desire to return; while some nonfarm families desire to farm because of surplus resources, such as land, labor, or buildings. Other families want to produce some of their own food, selling the surplus to pay for other farm operations.

Whether your reason for farming is surplus time (labor), have money to invest, resources, need tax shelter, you probably need help with some early decision-making.

John E. Brockett, Assistant Professor of Agricultural Economics Extension, at Penn State, has developed a Correspondence Course to help you make some decisions about farming. The course discusses the pros and cons of part-time farming for individual farm families; land, labor, management, capital, and market requirements; and the advantages and disadvantages of 18 livestock and 18 crop enterprises. Lessons on record keeping, tax considerations, budgeting, and insurance needs are geared to the part-time and small farm business.

You can get your personal copy of the course by sending $9.25, including handling, to PART-TIME FARMING, Dept. 5000, University Park, PA 16802. Make check payable to PENN STATE.

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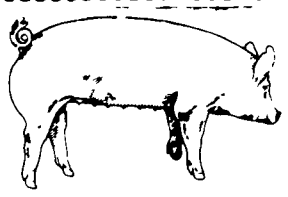

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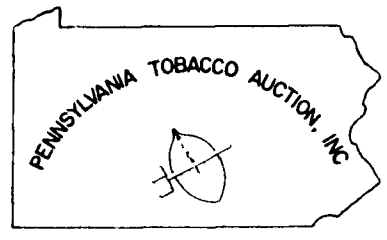

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Thank you for supporting our local tobacco auction We hope you ALL remember what the auction has done for your tobacco prices this year Don't sell out on us now If those of you who have already sold out from the auction would like to support the auction system, please feel free to do so

We have had 8 companies following our sale They have been pleased with what tobacco you have brought us They are impressed with how we are handling tobacco in our facility You must keep on grading your tobacco just as you have No wet tobacco Keep your green tobacco separate Eventually the prices for tobacco sold thru the auction system will fluctuate for different grades of tobacco more efficiently Just because all grades are bringing the same prices that does not mean you can stop grading your tobacco

If you stick together we can obtain more interest in your Type 609 tobacco from more companies and this will bring you higher prices Prices have risen this year due to your holding out We are proud of your independence but do not let this new system die in its first year We expect things to be interesting during our January sales

We need a lot more tobacco for the December 30 sale and all the January (Mon , Wed , Fri) sales Please use this new system as it has already and will continue to improve your prices for Type 609 tobacco Call us about your Type 41 tobacco Do not hold your Type 41 tobacco for auction until you talk with us

ERIC PROBST GENERAL MANAGER 717-768-7100

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Check Barn Ventilation

Proper ventilation of all types of livestock and poultry buildings is very important during the winter months. When the warm, moisture-laden air is not moved out of the area, we usually see condensation on the windows, walls and ceilings. This is especially true with little or poor insulation. Exhaust fans will move the air out and protect the building.

This time of year the barns are filled with livestock; these animals give off large amounts of body heat. When condensation occurs it is a sign that some attention is needed; in most cases it is a problem with ventilation or with insulation.

To Review Your Will

With the provisions of the Economic Recovery Tax Act back in 1981, major new benefits are available in the estate planning area. The new laws prompt three major actions. First, you should thoroughly review your wills; second, examine how you own property; and third, check for application of the new tax laws to determine savings.

Everyone should have his will thoroughly reviewed if it hasn't been done since September 1981. One major point of the review should be to determine ways of applying the new unlimited federal estate tax marital deduction.

Any amount of property can now be transferred tax-free to a spouse at death. However, this option should be considered carefully. Medium and large estates may pay more tax if the entire estate is passed to the surviving spouse. Consult your attorney about making necessary changes.

To Prepare For Slippery Conditions

Slippery roads, walks and steps will be a common hazard in the next few months. Many people use salt too freely in cutting the ice; it may get the job done but also may injure nearby turf or shrubbery. I'd suggest the use of sand or sawdust. These materials will make the surface safe without possible injury to vegetation. In areas without any vegetation, salt will give good results.

Along our main highways there is some evidence that the constant use of salt is inflicting injury to nearby trees and shrubs. Don't let this happen to your favorite tree, shrub or the turf lining your walk.

To Protect Orchard Fruit Trees

While most of the hard work for fruit growers may be over, it is that time of the year for mice, deer and rabbits to get busy.

On young trees preventative measures are necessary. The commercial heavy plastic wrap works well on small trees. Another very effective way to keep rabbits and deer from chewing branches and buds is to "paint" tree trunks and limbs with a mixture of five to six pounds of powdered rosin in one gallon of ordinary alcohol. Simply uses a whitewash brush to apply the material. The rabbits and deer find the rosin too gritty, and aside from an occasional nip, will usually leave the tree alone. Be sure to apply the material to a height well above the reach of the deer.

FmHA backs off check rule

BY JAMES H. EVERHART

WASHINGTON — Farmers Home Administration has clarified a ruling that presumably would have required all borrowers to receive agency approval before cashing checks for routine sales of livestock, grain or equipment.

The initial ruling, which would have required checks from all farm sales to be issued jointly to the borrower and FmHA, apparently resulted from a misapplication of agency regulations, according to Jack Hertzler, head of FmHA's Farmer Programs.

It received widespread circulation during a recent training meeting of FMHA field personnel, Hertzler said, adding, "Most folks came away from the meeting with the understanding that all checks had to be issued jointly."

The various FmHA field offices had not been notified of the clarification at press time, but Hertzler said he expected the new guidelines to be available early next week.

In effect, the new plan will allow borrowers to continue their operations with only major sales of stock requiring FmHA involvement.

"We don't want to impose any undue burden on farmers," Hertzler said. "In most cases, the new guidelines will not require checks to be issued jointly."

In effect, the rules will require that borrowers establish a plan of farm sales each year, with those that will reduce farm equity being clearly designated. Any sale proceeds that would require reduction of the borrower's debts will have to be jointly issued to FmHA, Hertzler said.

"As a rule, we should be able to let farmers conduct their business normally," said Hertzler.

According to FmHA spokesman Joe O'Neill, the review of farm sales has been required because of an increase in the number of problem borrowers who have sold off assets piecemeal, leaving little equity left to pay off remaining loans.

Delaware honors bumper sticker contest winners

DOVER — Secretary of Agriculture, William B. Chandler, Jr., today announced the winners of the Delaware Department of Agriculture's first Farmland Protection Bumper Sticker Contest. First place winner was 10 year old Kristi Herbst, a student at the Gunning Bedford Middle School in Delaware city.

"Her entry, 'Provided by Nature, Protected by Man', conveyed the message of farmland preservation in a concise, but very articulate way", Chandler said.

Herbst's prize, a $50 savings bond, will be presented by Delaware Governor Michael N. Castle this afternoon at 3:30 p.m. in his office in the Carvel State Office Building. Attending this ceremony will be representatives of Delaware's Senate ane House Agriculture Committees, officials of the Department of Agriculture, as well as the students', parents, teachers, and school officials.

Rachel Bullock of Smyrna Elementary School in Smyrna was the second place winner and third place went to Chris Corbin, a student at Frederick Douglass Stubbs Elementary School in Wilmington.

Kristi's entry will be used by the Department's Aglands Preservation Section in our 1986 campaign to educate Delawareans about the need to preserve the State's prime farmlands", Chandler noted. He added that this farmland contributes over 500 million dollars annually to the State's economy.

The contest was open to all elementary school children in grades 1 through 6. Thirty-one schools participated with a total of 945 entrants.

NOTE TO EDITOR:

Attached is a list of school winners. Persons desiring black and white photographs of the presentation should contact Kevin C. Donnelly at 302-736-4811 or 800-282-8685.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

DOES JESUS LIVE HERE?

December 29, 1985

Background Scripture:
Mark 4:26-32; Matthew 22:34-40; Luke 18:9-14.
Devotional Reading:
Mark 4:26-32.

Somewhere many years ago, I read of a man who would knock on doors and ask: "Does Jesus live here?" No matter what response he would get, that was all he would ever say: "Does Jesus live here?"

You can imagine the different kinds of responses he encountered. Some people were deeply offended at the question and told him so. Others were annoyed at being disturbed and slammed the door in his face. Some tried to engage him in a discussion of their religious views. A few found the man's question an occasion for reflection and self-examination.

SELF-EXALTING

The man didn't want to discuss religious ideas, nor was he interested in which church the various people attended. All he wanted to know was whether these people were living with Christ in their lives and homes.

When we are concerned with God's reign in our lives, we are pretty much dealing with what Jesus termed the "Kingdom of God" or the "Kingdom of Heaven." Some day, Jesus promised, God will rule this earth completely and fully. In the meantime, what he seeks to do is to rule in the lives of each and every one of us. If he is Lord of our lives, to that extent his Kingdom is established in our midst.

And how can we be sure that he is reigning in our lives? Jesus actually gave us some pretty important tests. In the parable of the tax collector and the Pharisee who went to the temple to pray, Jesus makes it clear that, if God reigns in us, then we will humble, not exalt ourselves before him. If our relationship with Christ causes us to feel pride, as the Pharisee did, then Christ does not really dwell within us.

AND YOUR NEIGHBOR

Jesus never gave his disciples a clearer explanation of what it means for God to live in us than when he said, "You shall love the Lord your God with all your heart, soul, and...mind. And...you shall love your neighbor as yourself" (Matt. 22:37-39). If any person does this, he will be living the Kingdom on earth, for God in Christ will be ruling his life.

Have you ever stopped to think what kind of world this would be if from one end of it to another people would master those two commandments? They wouldn't need any more theology, creed, or confession of faith. If only one page of the Bible were to survive for future generations, this page would be sufficient to provide the world with the reign of God in all its fullness.

And no one would need to fear being asked: "Does God live here?"

Farm Calendar

Saturday, January 4

Lebanon County Beef and Swine Roundup, Lebanon Fairgrounds.

Cumberland County Extension Farm Financial Management Workshop, Extension Building, Carlisle, 9:45 a.m.

Friday, January 10

Pa. Association of Conservation District Director's "Year of the Forest" Forum, Grantville Holiday Inn, 10 a.m. to 3 p.m.

Delaware seeks Master Gardeners

NEWARK, DE — The Delaware Cooperative Extension Service is accepting applications for its Master Gardener program, which will be launched next spring in New Castle County. Similar volunteer programs are operating successfully in 38 states across the country.

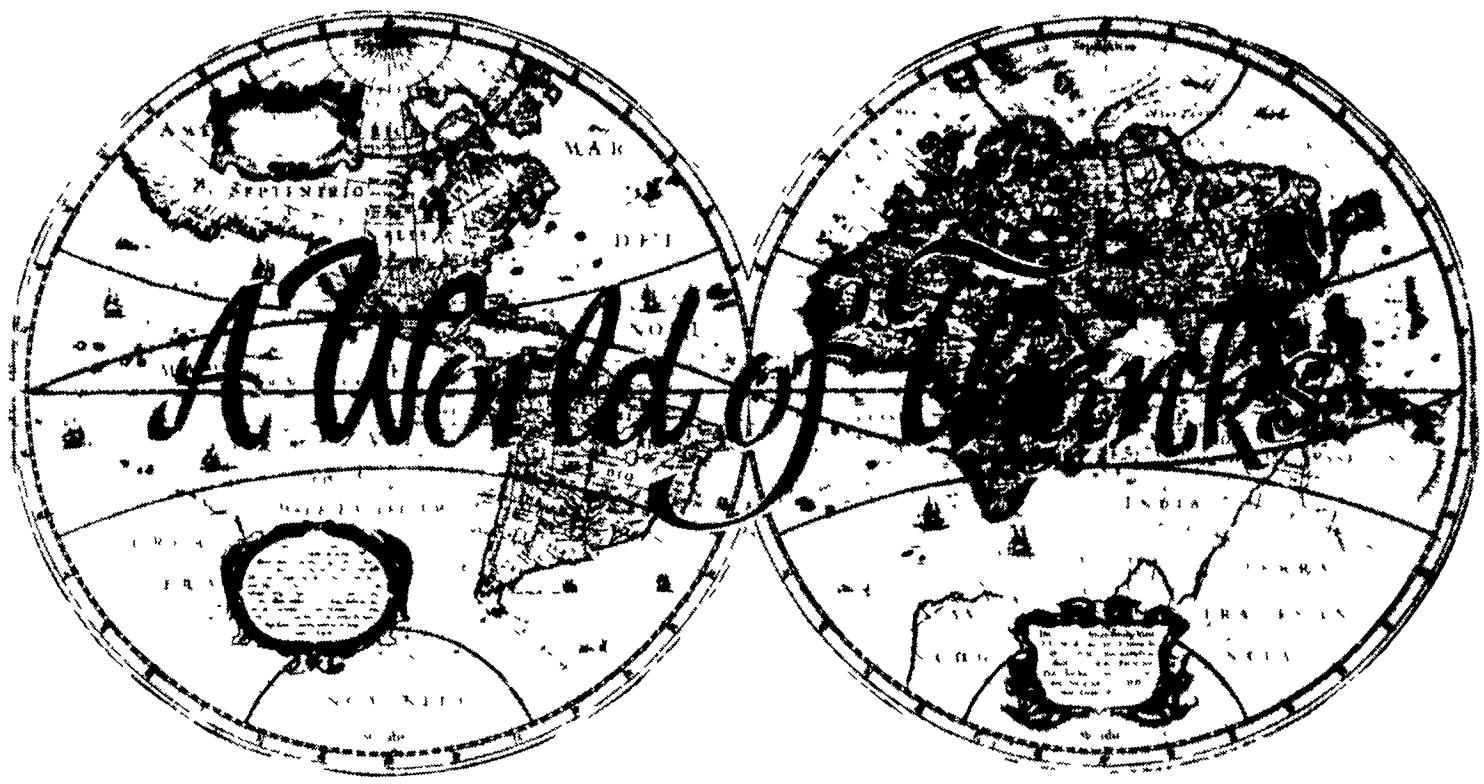
Participants need not be county residents, but they must be able to work in New Castle County after they complete their training. They will receive 45 hours of intensive horticultural training in return for an equal number of hours of volunteer service to be spent helping the extension service increase gardening awareness, solve gardening problems and serve the gardening public.

"If you have gardening experience either professionally or as a hobby, enjoy gardening, would like to help your community, want to learn more about gardening or are interested in developing new extension horticultural programs, then master gardening is for you," says University of Delaware extension horticulturist Sue Barton, organizer of Delaware's pilot program. Eventually she hopes to see it expand to all three counties in the state.

The first Master Gardener training course will begin March 3, 1986, in Townsend Hall at the University of Delaware in Newark. Sessions will be held on Mondays and Wednesdays from 9 a.m. to 12:15 p.m.

Deadline for applications is January 14. For more information write the New Castle County Extension Office, Townsend Hall, University of Delaware, Newark, DE 19717-1303. Or call 451-2506.

To All Our Customers



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Livestock market and auction news

Indiana Livestock

Homer City, Pa.
Thursday, December 26
Report supplied by PDA

CATTLE: 91. Compared to last Thursday's market slaughter cows fully steady; Choice steers 2 head 60.00 and 61.00; few Good 55.00-59.00; heifers 1 Choice 56.00; few Good 51.00-55.00; few Standard 41.00-47.00; Breaking Utility & Commercial slaughter cows 35.75-39.00; several High Yielding Commercial 42.00-44.50; Cutter & Boning Utility 32.75-36.00; Canner & Low Cutter 28.00-33.00; Shells down to 19.00; few Yield Grade No. 1, 1000-1880 lb. slaughter bulls 43.00-46.25.

FEEDER CATTLE: Heifers a few Medium Frame No. 1, 380-460 lb. 38.00-42.00.

CALVES: 112. One Good vealer 80.50; Standard & Good 90-120 lb. 42.50-50.50; 60-85 lb. 38.00-43.00; few Utility 50-85 lb. 18.00-30.00.

FARM CALVES: Holstein bulls 90-125 lb. 60.00-87.00.

HOGS: 89. Barrows & Gilts 1.75-2.00 higher; US No. 1-2, 210-250 lb. 50.00-51.50; No. 2-3, 195-215 lb. 49.25-49.75; Lot No. 2-4, 195 lb. 48.75; 2 US No. 1-3, 520 and 570 lb. sows 41.00; few No. 2-3, 450-580 lb. 38.00-40.00; few boars 27.00-27.50.

FEEDER PIGS: 22. US No. 1-3, 35-40 lb. 20.00-24.00 per head.

SHEEP: 16. Few Good 80-85 lb. slaughter lambs 45.50-50.00; few slaughter sheep 17.00-22.00.

GOATS: 7. 15.00-46.00 per head.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, Dec. 23
Report supplied by PDA

CATTLE 162. Compared with last Monday's market slaughter cows .50 to 1.00 higher. A few good slaughter steers 55.00-58.00, standard 44.00-52.00, utility 36.50-43.00. Standard slaughter heifers 41.25-47.00, utility 34.00-40.50. Breaking utility and commercial slaughter cows 35.00-38.25, few to 39.50, cutter and boning utility 32.00-35.50, canner and low cutter 25.00-32.25, shells down to 19.00. Few yield grade #1 1100-1800 lbs. slaughter bulls 43.00-48.00, 1 at 54.00, yield grade #2 900-1500 lbs. 38.50-42.00.

FEEDER CATTLE: A few medium and large frame #1 400-600 lbs. feeder steers 48.00-55.00 few to 58.00. A few medium and large frame #1 380-580 lbs. feeder heifers 42.00-50.00. Medium frame #1 400-600 lbs. feeder bulls 40.00-50.00.

CALVES 234. a few choice vealers 81 00-88.00, good 66.00-82.00, standard and good 90-120 lbs 39.00-48.00, 60-85 lbs. 35.00-40.00, utility 50-80 lbs. 19.00-33.00.

FARM CALVES: Holstein bulls 90-125 lbs. 52.00-72.00.

HOGS: 145 head. Barrows and gilts 1.00-1.50 higher. US #1-2 210-240 lbs. 47.50-48.00, 2-3 205-270 lbs. 45.00-47.00, 2-4 240-290 lbs 41.50-43.75.

SOWS: US #1-3 350-600 lbs. 37.00-38.50, 2-3 325-650 lbs. 37.00-38.50, 2-3 325-650 lbs. 35.00-37.00. Boars: 25.00-30.00.

FEEDER PIGS 28: US #1-3 30-40 lbs. 15.00-18.00 head, a few 85-90 lbs. 27.00-29.00, few utility 30 lbs. 13.00 per head.

SHEEP 65: Wooled slaughter lambs strong to 1.00 higher. Choice 77-85 lbs. 68.00-70.00, a few 100-115 lbs. 55.00-64.00, few good 70-90 lbs. 60.00-62.00.

SLAUGHTER SHEEP: 19.00-28.00.

GOATS: 12 head 8.00-34.00 head.

Omaha Weekly

Thursday, Dec. 26
Report Supplied by USDA

Slaughter steers and heifers this holiday shortened week closed steady to .50 higher. This advance posted at early week as a light run was med with a good demand by 1 to 2 local packer buyers. A strengthening in wholesale beef prices was the dominant factor for the advance this week. Slaughter cows .50-2.00 higher for the week, Slaughter Bulls steady.

Estimated 4 day receipts this week 3,100 compared to 5 day actual receipts last week of 8144 and 4 day actual receipts last year 4119. Slaughter Steers accounted for 36 percent of the week's receipts, Slaughter Heifers 40 percent, Slaughter Cows 20 percent and Feeder Cattle 2 percent.

SLAUGHTER STEERS: This weeks sales Choice 2-4 1050-1350 lbs. 62.50-63.50, few to 64.00. Mixed Good and Choice 2-3 1050-1250 lbs. 61.00-62.50. Good 60.00-61.50. Mixed Good and Choice 2-3 1250-1450 lb. Holsteins 52.00-53.00.

SLAUGHTER HEIFERS: This week's sales Choice 2-4 950-1150 lbs. 61.50-62.50, load 62.75; bulk 61.50-62.00. Mixed Good and Choice 2-3 950-1050 lbs. 60.00-61.00. Good 57.50-60.00.

Average of LS 214 detailed price quotations for Choice 900-1100 lb. Steers 62.00, 1100-1300 lbs. 63.25. Average cost of all Slaughter Steers this week 62.52, average weight 1175 lbs. compared to 62.11 and 1181 lbs. last week. Average cost of all Slaughter Heifers this week 61.03, average weight 1083 lbs. compared to 61.16 and 1031 lbs. last week.

SLAUGHTER COWS: Few breaking utility and commercial 2-3 34.25-35.00. Cutter and Boning Utility 1-3 33.50-36.00, couple head high dressing 37.50. High Canner and Cutter 32.50-33.75.

SLAUGHTER BULLS: Few 1-2 1100-2250 lbs. 44.00-46.75, individual high dressing 48.50, low dressing kinds 42.75-43.25.

THINK AHEAD...
Read Futures Markets on Page 3

New Wilmington Livestock

New Wilmington, Pa.
December 23, 1985
Report supplied by PDA

CATTLE 187: Compared with last Monday's market, slaughter cows 2.00-2.50 higher. A few choice slaughter steers 63.00-65.75, few good 59.50-63.00, few standard 50.00-55.00, few utility 41.75-43.50. Choice slaughter heifers 1, 59.50, few good 54.00-57.25, few standard 45.00-48.50, utility 35.00-40.75. Breaking utility and commercial slaughter cows 37.00-40.25, cutter and boning utility 33.50-37.50, few high dressing 38.00-39.00, canner and low cutter 25.00-33.50, shells down to 16.75. Yield grade #1 1275 lbs. 1685 lb. slaughter bulls 43.00-47.00, 2 head 49.00 and 50.50, yield grade #2 1010-1450 lbs. 39.00-39.50.

FEEDER CATTLE: Medium and large frame #1 340-600 lb. feeder heifers 38.00-47.00, few 50.50.

CALVES 359: A few choice dealers 80.00-89.00, good 65.00-76.00, standard 46.00-60.00, standard and good 90-125 lbs. 35.00-47.50, 65-85 lbs. 22.00-40.00, utility 50-130 lbs. 50.00-65.00.

HOGS 487: Barrows and gilts 1.00-1.50 lower. US #1-2 210-245 lbs. 46.25-47.10, 2 lots 48.25 and 49.25, 2-3 200-260 lbs. 43.35-46.50, few 2-4 230-270 lbs. 43.00-45.25, few 1-3 150-170 lbs. a few 1-3 150-170 lbs 40.00-41.50. SOWS: About steady. US 1-3 300-590 lbs. 35.00-39 00 few to 40.50, a few 2-3 350-550 lbs. 32.00-35.00. Few boars 28.00-29.00.

FEEDER PIGS 69: US #1-3 20-35 lbs. 14.00-23.00 per head, 35-50 lbs. 25.00-33.00, a few 50.00-70.00 lbs. 30.00-37.00 head.

SHEEP 25: A few choice 50-80 lbs. wooled slaughter lambs 65.00-74.00, 100-110 lbs. 50.00-60.00, 130-170 lbs. 30.00-35.00.

St. Louis Cattle

Thursday, Dec. 26
Report Supplied by USDA

Receipts this week	1,500
Week Ago	3,900
Year Ago	1,400

Compared with last week's close, slaughter steers and heifers weak to mostly .50 lower. Cows 2.00 lower. Bulls 1.00-2.00 higher. Slaughter supply mainly choice steers and heifers, around 40% cows.

*NOTE: A substantial increase in the cow supply was apparent this week.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1100-1275 lbs. 62.50-63.00. Choice 2-4 950-1250 lbs. 61.50-62.50. Mixed good and choice 2-3 900-1200 lbs. 60.00-62.00. Good 2-3 900-1175 lbs. 58.50-60.00. Mostly good 2-3f 1075-1400 lb. Holsteins 48.00-54.00, package 55.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1125 lbs. 59.50-60.00, couple packages 60.50. Choice 2-4 825-1100 lbs. 58.50-59.50. Mixed good and choice 2-3 800-1000 lbs. 57.00-58.50. Good 2-3 750-1000 lbs. 55.00-57.00.

COWS: Breaking utility and commercial 2-4 30.00-33.00. Cutter and boning utility 1-2 33.00-35.00. High-yielding cutter and boning utility 1-2 35.00-36.00, few up to 37.00. Canner and low cutter 1-2 30.00-34.00. Shelly canner 1-2 27.00-30.00.

BULLS: YG 1-2 1100-2100 lbs 41.00-46.00, individual YG 1 47.00. Not enough sheep for a test of market.

Jersey Shore, Pa.

Thursday, December 19
Report Supplied by Auction

Return to Farm Calf 70.00-90.00.
Good Veal 70.00-85.00.
Common Veal 40.00-55.00.
Choice Steers 64.00-68.25.
Good Steers 58.00-64.00.
Common Steers 47.00-58.00.
Commercial Cows 38.00-41.75.
Canners-Cutters 36.00-43.00.
Shells 29.00-34.00.
Choice Heifers 59.00-63.75.
Good Heifers 51.00-58.00.
Common Heifers 36.00-50.00.
Good Feeders 48.00-51.00.
Common Feeders 25.00-47.00.
Bulls 45.00-54.75.
Good Hogs 47.00-48.10.
Heavies 46.00-47.00.
Sows 37.00-38.00.
Eggs 60.00-70.00.

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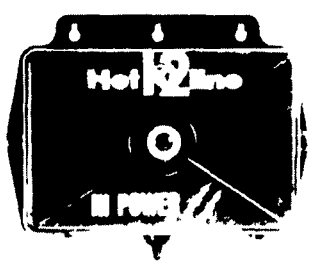

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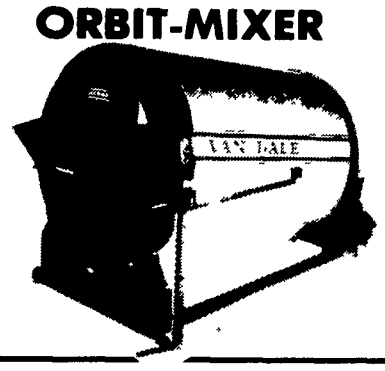

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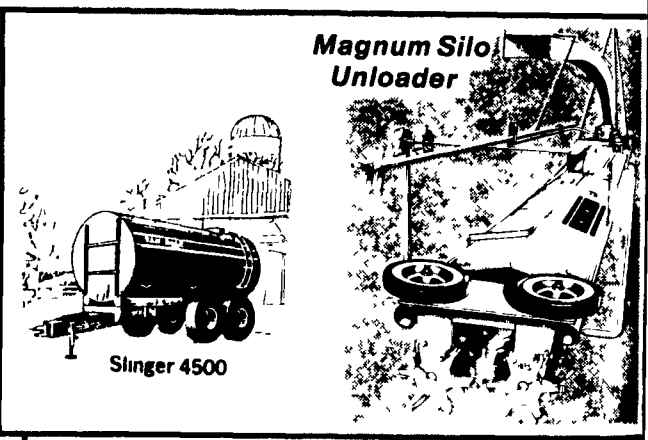

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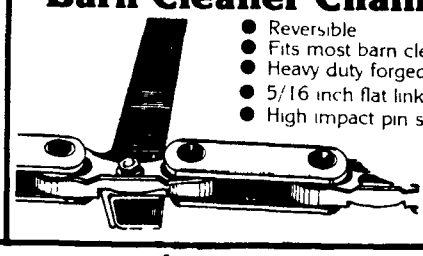

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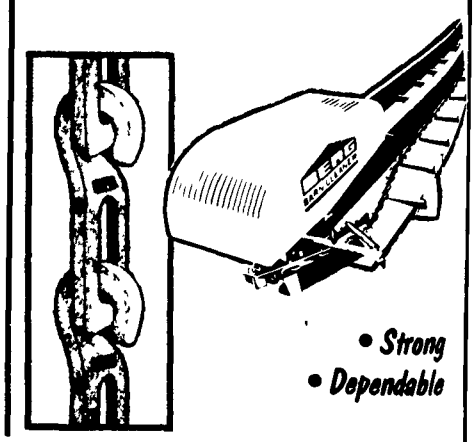

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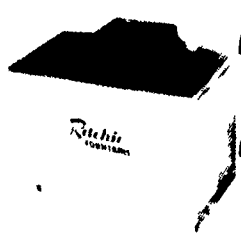

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Livestock market and auction news

Central U.S. Carlot

Beef Report
Wednesday, Dec. 26
Report supplied by USDA

Central U.S. Carlot Beef Report (Includes The Major Production Areas In The Midwest, Texas, And Oklahoma) As Of 4:00 P.M.

Compared to Tuesday's 4:00 P.M. report: steer carcasses steady to $1.00 higher in a limited test. Heifer carcasses steady to $1.00 higher demand and trading light with packers firm on limited offerings.

The gross boxed beef carcass cutout value advanced $.50 to an estimated $104.05 per cwt, 144 loads boxed cuts reported.

Sales reported on 26½ loads of steer and heifer carcasses.

Steer Beef
9 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 98.00, steady.
Choice 4 600-900 lbs. 87.00.
Good 2-3 600-900 lbs. 92.00-93.00, steady-1.00 higher.
Choice 2-3 600-900 lbs. 87.50 (Hols type), steady.
Good 2-3 600-900 lbs. 82.50 (Hols type), steady.

Heifer Beef
18½ Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 96.00, steady.
Choice 3 500-550 lbs. 92.00-93.00, steady-1.00 higher.
Choice 3 400-500 lbs. 90.00-91.00, steady-1.00 higher.
Choice 4 500-700 lbs. 87.00.
Good 2-3 550-700 lbs. 89.00-90.00, steady-1.00 higher.

Steer & Heifer
Primal Cuts
FOB Omaha Basis
3 Loads

Hinds 145-190 lbs 108 00
Fores 130-210 lbs. 84.00.

Cow Beef
6 Loads

Midwest and Eastern Texas and Oklahoma not well established. Offerings and demand limited.

Sales in the Midwest Production Area:

FOB Omaha Basis

Bng Utlty 1-2 400/up lbs. 68.50-70.00.

Sales in Eastern Texas and Oklahoma Production Areas:

Bng Utlty 1-3 400&up lbs. FOB Plant 65.50.

Boneless Processing
Beef/Beef Trimmings
13½ Loads

90% Chem Lean Fresh 100.50.
50% Chem Lean Fresh 44.00-46.00.

For the Week: Choice 3 Steer and Heifers $1.00 Higher. Goods and Yield Grade 4's steady to $1.00 higher.

Boxed beef carcass cutout value advanced $2.08 per cwt.

Cow Carcasses: Steady to $1.00 lower, instances $2.00 lower.

East Coast Carlot

December 26, 1985
Report supplied by USDA

East Coast Carlot meat trade delivered prices (CAF) Boston to Washington area include.

Compared to Tuesday's close: Post holiday trading and demand is moderate. Special fed veal 500 lower. No comparison for local bonine calves; inshipped generally steady. Boxed carcass lamb steady with last week. Boneless beef unestablished with a weak undertone.

Veal Carcass
Choice & Prime
(Special Fed)
Hide On 300 Head

200-280 lbs. 170.00, 5.00 lower.

Good and Choice
Boning Type
Hide On

NORTHEASTERN SUPPLIERS: 900 head. 65-75 lbs. 68.00, few 73.00, no comparison; 55-64 lbs. 66.00-71.00; 45-54 lbs. 64.00-69.00; 35-44 lbs. 62.00-67.00; 34 lbs. down 60.00, few 65.00.

Inshipped
800 Head

71-80 lbs. 70.00, generally steady; 61-70 lbs. 68.00; 51-60 lbs. 66.00; 41-50 lbs. 64.00; 30-40 lbs. 62.00.

Lamb Carcass
Choice and Prime
1 Load Boxed Vacuum
Packed Steady with
Last Week

55 lbs. down 148.00, steady with last week.

Compared to last week: Trading slow to moderate during the holiday week. Special fed veal fully steady. Good and choice veal 200 to 300 lower. Carcass lamb unestablished with a steady tone. Boneless beef unestablished with a weak undertone.

Central U.S. Carlot

Pork Report
Thursday, Dec. 26
Report supplied by USDA

Central U.S. Carlot Pork Report (Includes The Major Production Areas In The Midwest) As Of 4:00 P.M.

Compared to Tuesday's 4:00 P.M. report: Fresh Pork Loins 14-18 lbs. firm light test, 22&up lbs. steady; Skd hams $4.00-5.00 higher; sdls bellies steady to $4.50 higher. Trade slow to moderate for moderate to good demand and light to moderate offerings.

U.S. No. 2 175 lb. pork carcass cutout value advanced $1.77 to $65.36 per cwt.

Sales reported on 36 loads of fresh pork cuts and 0 loads of trimmings and boneless processing pork.

Fresh Pork Cuts

LOINS, REGULAR: 14-18 lbs. 110.00, PL 112.00, firm.
18-22 lbs. 108.00.
22&Up lbs. 77.00, steady with Monday.

PICNICS:

4-8 lbs. 52.00.
8&Up lbs. 50.00.

Spareribs (Frozen)

3.5&Dn lbs. 99.00 TIS.

Skinned Hams

17-20 lbs. 62.00-63.00, 4.00-5.00 higher.
20-26 lbs. 59.00-60.00, 4.00-5.00 higher.

Bellies
(Sdls., Skin On)

10-12 lbs. 54.50..
12-14 lbs. 57.00-58.00, steady to 1.00 higher.
14-16 lbs. 57.00-58.00, steady to 1.00 higher.
16-18 lbs. 56.00-57.00, 3.00-4.50 Hgr Than Monday.
18-20 lbs. 48.00, 1.50 higher.
20-25 lbs. 43.00.

Cured and Processed
Pork:
Smoked Hams
(Water Added)

19 lbs. 74.00-80.50.
23 lbs. 70.00-78.00.

Picnics:

4-7 lbs. 62.00-70.00.

No. 1 Bacon

1 lb. pack 119.00-158.00.

Compared to late last week: Fresh pork loins without comparison; Picnics $1.50-3.00 higher; skd hams generally steady; sdls bellies steady to $3.00 higher. Gross cutout value of U.S. No. 2 175 lb. pork carcass advanced $1.32 per cwt to $65.36.

St. Louis Feeder Cattle

Thursday, December 26
Report supplied by USDA

Receipts around 200.

Insufficient volume Feeder Steers and Heifers to establish a market.

FEEDER STEERS: few lots Medium and Large Frame 1-2; 350-500 lbs. 57.00-65.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Dec. 23
Report supplied by auction

Calves- 11.00-90.00.
Cows 26.50-44.25.
Easy Cows 20.00-38.00.
Heifers 43.25-46.50.
Bulls 45.25-54.00.
Steers 41.25-58.50.
Hogs 35.00-41.00.
Roasting Pigs, each 32.00-38.00.
Boars 32.00.
Sows 32.50.
Sheep 16.00-63.00.
Lambs, each 46.00-89.00.
Lambs, per lb. 25.00-75.00.
Goats, each 46.00-93.00.
Kids, each 24.00-69.00.
Total 827.

New Holland Horse

New Holland Sales Stables
Monday, Dec. 23
Report supplied by auction

Reported receipts of 210 head of horses, mules and ponies.

Market steady.
Driving horses 250.00-1000.00.
Riding horses 175.00-400.00.
Lightweight killers 165.00-225.00; Heavyweight killers 275.00-350.00.
Mare ponies 30.00-65.00; Colts 10.00-20.00; Gelding ponies 30.00-65.00.
Larger ponies 100.00-150.00.

Frederick Co. Hay & Straw

Buckeystown, Md.
Thursday, Dec. 26
Report supplied by auction

45 loads. Market steady to 10.00 lower on all grades of Hay, about steady on Straw. Demand slow.

Alfalfa, 1 load fancy, 110.00, 5 fair to good, 80.00-86.00, 8 fair some damaged, 67.50-76.00; Timothy, 8 fair to good, 67.50-84.00; Mixed Hay, 5 fair to good, 69.00-75.00.

Clover Hay, 60.00; Straw, 5 good at 75.00-85.00, 4 fair at 71.00-73.00; Firewood, 4 loads at 70.00-80.00 cord, 2 mixed wood, 42.00-50.00 cord; Oats, 1.82½ cents bu.

Sale next Thursday.

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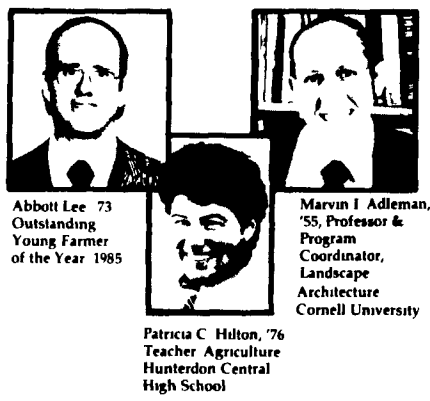
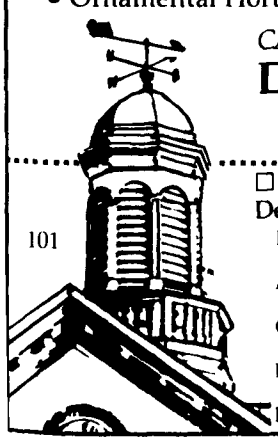
- Ornamental Horticulture



Abbott Lee '73 Outstanding Young Farmer of the Year 1985

Marvin I Adleman, '55, Professor & Program Coordinator, Landscape Architecture Cornell University

Patricia C Hilton, '76 Teacher Agriculture Hunterdon Central High School



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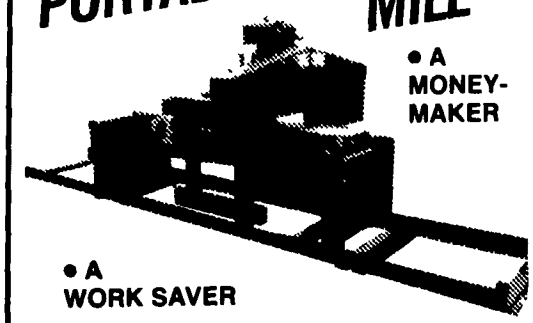

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Lewisberry, PA 17339
(717) 432-9788

Philadelphia Wholesale Fruit and Vegetable Report

Monday, Dec. 23, 1985
Report Supplied by USDA

FRUIT

APPLES: ABOUT STEADY. Ctn. tray pack. WA Red Delicious WaExFcy 88s 19.50, 100s 18.50, 113s 17.50; USExFcy 88s 18.00-19.00, 100s 16.50-18.00, 113s 15.50-17.50; Golden Delicious WaExFcy 88s few 25.00; USExFcy 100s 16.00-18.00, freeze damaged 6.00-8.00, 113-125s 14.50; VA Comb USExFcy-Fcy Red Delicious 56-100s 10.00-11.00, 113s 9.00, 125s 8.00; NJ Comb USExFcy-Fcy Red Delicious 56-100s 10.00-11.00, 113s 9.00, 125s 8.00; ID Red Delicious USExFcy 72s 18.50, 100s 16.50, 113s 15.50; USFcy 64s 16.50; Golden Delicious USExFcy 113s 14.50; MI USExFcy Red Delicious 88s 13.50, 100s 13.00; Winesaps 100s 10.00; Red Romes 100s 8.00; PA Comb USExFcy-Fcy Red Delicious 56-100s 10.00-11.00, 113s 9.00, 125s 8.00; Stayman 64-100s 12.00-13.00, one lot 10.00; 12-3 lb film bags 2¼" min USFcy PA Red Romes 6.60; Red Delicious, Stayman & Golden Delicious 6.60-7.20; Winesaps 7.20; VA Stayman, Golden Delicious & Red Delicious 6.60-7.20; MacIntosh 7.20; NJ Stayman, Golden Delicious & Red Delicious 6.60-7.20; NY Red Delicious 7.20; buctn loose WVA MacIntosh no size or grade mark 4.00.

CHERRIES: CHILE flat 5-kilo lug Bing 10-row size 19.00-20.00, poor cond 1.00-2.00.

GRAPES-TABLE: ABOUT STEADY. CA 23-lb lug Calmeria 11.00, fair cond 7.00; Almeria 11.00; Emperor 8-8.50, fair cond 5.00-6.00, film bags 7.00; Ruby Seedless 14.00-15.00, few 13.50, film bags fair cond 7.00-8.00, one label 18.00; Black Pearl 12.00-13.00; Ribiers fair cond 8.00-10.00, film bags 10.00-11.00; Corrin Seedless including film bags & wrpd 18.00; 20-21 lb lug wrpd Calmerias 15.00; Ribiers fair qual 12.00-13.00.

STRAWBERRIES: HIGHER. FL 12-1 pt flats med 18.00-20.00; NEW ZEALAND 9-12 oz film overwrpd flats med-lge via air 21.00-22.00

VEGETABLES

ASPARAGUS: CHILE 12-lb crt loose ex-lge & lge 40.00, poor-ord cond jbo & ex-lge 1.00-20.00.

BEANS-GREEN: HIGHER. FL various bushel containers Round Green type including handpicked 14.00-17.00, mos 15.00-16.00, few lwr, occ hgr fair qual low as 10.00; Wax type few 28.00.

BEANS-LIMA: NO SUPPLIES.

BEETS: STEADY. NJ bubkts topped 6.50; TX crt bchd 12s 6.50

BROCCOLI: HIGHER. CA ctn bchd 14s 12.50-14.00, few low as 11.50, ord cond 5.00-7.00, 18s 13.00-14.50, few 15.00, previous commitments 14s 10.50, 18s 11.00; TX ctn bchd 14s 10.00-11.00, few hgr, one lot 8.50

BRUSSEL SPROUTS: CA 25-lb ctn loose 9.00-11.00, occ hgr.

CABBAGE: HIGHER. 1¾ buctn & crt medium Green unless otherwise stated, TX 10.00-11.50; Savoy & Red 8.00-9.00; NY 9.00-10.00, med-lge 7-7.50; Red 6-6.50; 50-lb sks Red 6.00; Danish type 8-10s 5.50, 12-14s 5.50-6.00; FL Savoy 8.00-10.00; Red 8.00.

CARROTS: ABOUT STEADY. 48-1 lb film bags in film sacks, CA med-lge 10.50-11.50; CANADA med 8-8.50; 48-1 lb film bags in ctns, CA med-lge 12.50; 24-2 & 10-5 lb film bags in film sks; CANADA med 8.00; 50-lb sks loose jbo CA 9.00-10.00, mos 10.00; CANADA 8.00, few 8.50; ctn bchd 24s CA 9.00-10.00, one label 10.50; miniature ctn 20-12 oz film bags FL 11.00-11.50; CA 8.00-9.00.

CAULIFLOWER: SUPPLIES LIGHT. Ctn film wrpd CA 12s 18.00, fair appear 15.00-16.00, ord cond 5.00; FL 12s 16.00-17.00, fair cond 12.00, 16s 10.00-14.00, 9s 12.00.

CELERY: LOWER. Ctns & crts, CA 2 doz 11.00-12.00, mos 11.50, few hgr; 2½ doz 11.00-13.00, mos 12.00, few hgr, 3 doz 8.00-10.00, mos 9.00-10.00, few hgr, 4 doz 9.00 occ hgr; Hearts film wrpd 18s 14.00; FL 2½ doz 11.00-13.00, mos 11.00-12.00, 3 doz few 12.00, film wrpd 30s 14.00; Hearts film wrpd 24s 12.00; TX 2 doz 8.00-9.00.

CHINESE CABBAGE: FL celery crt 10.00, 1½ bucrt 8.00-9.00, CA Nappa WGA crt 19.00, 50-lb ctn 12.00.

CUCUMBERS: ABOUT STEADY. 1-1/9 bucrt & ctns waxed medium unless otherwise stated; MEXICO 15.50-17.00, few hgr, fair qual 13.00-15.00, sml 16.00, ctn 24s 6-6.50; Pickles unwaxed sml-med 14.00-15.00

LETTUCE-ICEBERG: HIGHER. Ctn 24s unless otherwise stated; CA 19.00-23.00, mos 21.00, 30s 19.00-20.00, film wrpd 20.00-25.00, 30s 17.00-23.00, mos 20.00; AZ 21.00-22.00; FL 18.00-19.00, fair qual 16.00.

ROMAINE: LOWER. CA 24s ctns 12.00-15.00, mos 12.00-14.00, few hgr, crts 19.00, few 20.00; FL 1-1/9 bucrts, few 12.00.

BIG BOSTON: CA ctn 24s 9.50-10.00; FL crt 24s 7.00-9.00, few lwr

BIBB: FL ctn 30s 6.50-7.00.

LEAF: FL 24-qt bkt 5.00-6.00; CA ctn 24s 8.00-12.00, mos 10.00-12.00, few 13.00, fair cond 5.00-6.00; Red 10.00-12.00, few hgr & lwr.

MUSHROOMS: HIGHER. PA 4-qt bkt med-lge 5.00, few high as 6.50, sml-med 3.50-4.00, few 4.50, 10-lb ctn 8-8.50, mos 8.50, lge 10.00, pkgs 12-10 oz 8.50, few 8.75.

OKRA: SUPPLIES UNSUFFICIENT TO QUOTE

ONIONS-DRY: ABOUT STEADY. 50-lb sacks US #1 or generally good quality Yellow Grano unless otherwise stated; ID-OR jbo 7-7.50, mos 7.00, fair cond 6.00; White jbo 18.00, few hgr; 25-lb sks Red lge 5.50-6.00, few hgr; CO jbo 7-7.50; NB jbo 7.00; NY Globe type med 3-3.50, few 2.50, occ hgr, 20-2 lb mesh bags 5.75; MI Globe type med 4-4.50, med-lge 4.50-5.00; 25-lb sks Red lge 5-5.50.

ONIONS-GREEN SLIGHTLY HIGHER Ctns & crt bchd, CA 48s 9.00-10.00, fair cond 7.00-8.00; MEXICO 48s 8-8.50, mos 8.50

PARSLEY: HIGHER. Bchd 5 dozen curly unless otherwise stated, FL crts 12.00-13.00, mos 12.00, plain 13.00-14.00; CA ctns 10.00-12.00, mos 12.00; TX crts 13.00-14.00, plain 14.00.

PEAS-GREEN: MEXICO bucrts 12.00-15.00, few 18.00, 1-1/9 bucrts one label 21.00.

PEAS-SUGAR: GUATEMALA 10-lb ctn 1.35-1.90 via air 2-2.20, Sugar Snaps via air 2-2.20; MEXICO 20-lb crt 1.50.

PEPPERS: ABOUT STEADY. 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated. FL ex-lge 10.00-12.00, lge 7.50-9.00, mos 8.00, med 5.00-7.00, few 4.50, sml 3.00-4.00, mos 4.00, few 5.00; Mxd Red med 3.50-4.00, few 5.00, ord cond med & lge 2.00-3.00; Red lge 13.00, few low as 10.00, occ hgr, med 8.00-10.00, few lwr, fair cond 3.00, Cubanelles lge 10.00; Longhots few 17.00; ½ buctns Jalapeno 10.00; Hungarian Wax 6.00; TX lge 8.00, med 6.00; Mxd Red med-lge 5.00-6.00, med 3.00-4.00; Red med-lge 7.00, fair cond med 3.00; MEXICO med 7.00.

RADISHES: ABOUT STEADY. FL ctns Red 30 6-oz film bags 5-5.50, 14-1-lb film bags 5.00; CA ctn bchd 24s few 8.00; MEXICO ctn bchd 24s 6.00.

RUTABAGAS: CANADA CD#1 waxed med 50-lb ctns & sks 5-5.50

SPINACH: ABOUT STEADY. Savoy type FL ctn 8.00-9.00; 1X bubkts including clipped 8.00-9.00; Flat type CA ctn bchd 24s 7-7.50, few hgr.

Carroll Co. Hay

Westminster, Md.
Tuesday, Dec. 17
Report supplied by auction
Next Sale Dec. 31
At 12:30 p.m.

18 loads.

Alfalfa, 69.00-79.00, 1 at 1.80 bale; Timothy, 67.00-71.00, some at 1.40 bale; Mixed Hay, 73.50; Barley Straw, 1.25 bale, Oats Straw, 1.55 bale.

Wood, 69.00 cord.

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EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 3020 power shift diesel	$8,250
JD 2840 roll SOLD sharp	$10,750
JD Model B Hi-Crops	$1,250 Each
JD 1530D Tractor	$8,750
JD 4230 Quad Sound Guard	$17,500
(1) White 2-105 w/Roll Guard	Make Offer
IH 240 w/Fast Hitch and 2B Plow	$2,150
White 2-60 4\ SOLD oader	Make Offer
MF 30B Industrial	$10,950
Oliver 1255 4WD Tractor w/Loader	$6,950
JD 4640 Tractor P S 840 Hrs	$32,500
JD 730 Dsl Tractor Roll A-Matic 3 pt new engine	$3,850

COMBINES & PICKERS:

NI 2RW, pull picker, nice, model 311	$2,350
6600 Combine, new gas engine	$6,950
JD 443 4 row 30" corn head	
NI 818 combine 4R narrow head & 13 flex head Sharp	Price on Request
JD 6620 Side Hill Turbo Hydro w/15' Flex Head	Price On Request
JD 3300 Dsl w/Cab, 343 C H & Rotary Screen	Price on Request
#643 6 Row 30" Corn Head	
#244 2 Row Corn Head	

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D D	$2,350
JD 8300 Bean Drill	$4,500
JD 7000 6 Row Planter	$6,350
JD 8 Row 7000 30 Planter	
JD 490 4 row Planter	$375
IH Model 620 12 Press Wheel Drill like new	$4,850

HAY MACHINES:

JD 1209 Mower Conditioner w/Stub Guards	$3,850
JD 410 Round Baler Sharp	$4,350
NH 469 Mower Conditioner	$2,650
JD 14T Baler	$750
NH 479 Haybine	$3,850
Hesston Hydro Swing Mower Conditioner	$2,750

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JD 4400 Diesel Hi Backseat Sharp
F145 4x16 Plow
JD 2020 Dsl w/loader
IH 400 Air Planter 4R Sharp
JD 70 Skid Steer Loader
JD 1209 Mower Cond Non Clog

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New Farm Fans AB8 Auto Batch Dryer MUST MOVE CALL FOR PRICE	(Dealer Inquiries Welcome)

MISCELLANEOUS:

18 4x38 Direct Axle Dual Wheels	
14 9x38 Direct Axle Dual Wheels	
20 8x34 Direct Axle Dual Wheels	
Papec #880 Grinder Mixer w/Molasses Attach - Sharp	$3,950
IH 850 Grinder Mixer	$1,450
JD 6 Row 30" Rear Cultivator	$1,250
14 9x26 T-rail duals	
20 8x34 direct axle, less rubber	
NH 790 Tandem axle spreader	$4,250
NH 679 tandem axle spreader hyd endgate	$3,850
NI Tandem Axle Spreader	$3,850
Better Bilt 1500 Gallon Tank Spreader	$3,450
NH #90 Bale Mover	
NI 214 Spreader w/End Gate	$1,850
NI Tandem Axle Spreader 8 Ton	$2,350

TILLAGE:

JD 225 10 Offset Disc	$2,850
Dunham 14 Packer	$775
JD 2500 5x18 Spring Reset Plow	$2,850
JD 13x16' Plow 3 Pt	$675
Oliver #565 4 15 Semi Mounted Plow	$1,450
JD BWF 18 Wing Disc	$2,650
Brady 30 Field Cultivator	$5,450
JD F145 6x16 Plow	$1,850
JD F350 5x16 Plow	$2,450
Brady 12' Field Cultivator	$1,750

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Fox Model 2000 Harvester w 2 Row Narrow & PU	$2,600
NH Super 717 Harvester	$2,450
NH P U Attachment	$575
(2) JD 5' Pickup Attachment	
JD 5400 4 WD Harvester 3 Row 30 Row Crop & 7 Pickup	
NI 2 R Narrow Model 325 Pull Type Picker w/Grinder like new	$4,500
(1) John Deere 34 w/One Row Row Crop	~~$1,550~~ $950
(1) John Deere Three Row Row Crop Attachment New Belts	$3,850

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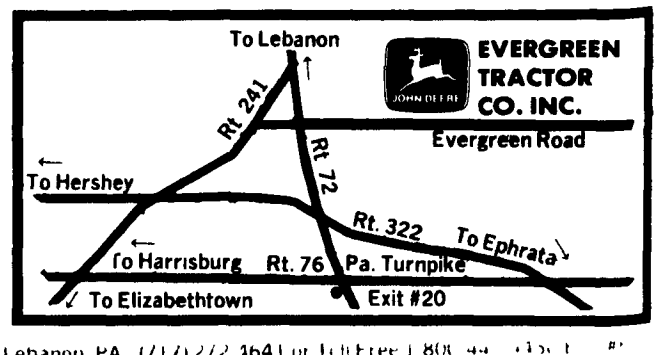


30 Evergreen Rd Lebanon PA (717) 272-4641 or Toll Free 1-800-[illegible]

Industrial waste disposal--like throwing money away

ITHACA, NY. — Dumping most industrial wastes into landfills is like tearing up wads of money and burying it. So says a Cornell University engineer who is finding new, lucrative markets for industrial residues.

Each year in the United States, millions of tons of potentially useful products–worth perhaps millions of dollars–are being wasted when they are carted away to landfills.

"Those are all missed economic opportunities," says Lewis M. Naylor, a senior research associate in agricultural engineering in the New York State College of Agriculture and Life Sciences at Cornell.

Naylor shows industries how to turn their costly waste disposal problems into profitable by-product operations. His work has convinced him that, in most cases, it is a waste to throw away industrial refuse--unless those substances contain materials that are environmentally hazardous.

"Americans don't like to deal with waste," Naylor contends. "But with a little creative thinking, many waste products can be used safely with little alteration."

Naylor has been successful in finding ways to market waste products ranging from a pharmaceutical firm's organic waste to kiln dust from a cement plant.

"Industrial wastes, especially those from agriculture-related industries, contain nutrients that can be recycled beneficially for agricultural production," he says.

Such "waste products" contain nitrogen, phosphorus, potassium, and lime, all of which are essential to agricultural crops. Many of these elements, however, can cause pollution problems, especially in aquatic systems, and it is important to recognize those dangers, Naylor says. However, these elements, if used properly, can be utilized as fertilizers for crops.

For example, the Saratoga Race Track in Saratoga, NY, asked Naylor to find a way to make use of the mountains of horse manure collected from its stables and the dirt that is routinely scraped from the track during pre-race grooming.

Today, a mixture of composted manure and track scrapings is used in potting soil in municipal planters in downtown Albany, thanks to a study conducted by Naylor.

"We ended up growing some beautiful mums," Naylor says with pride.

In his own office, Naylor has several plants growing in media obtained from waste products. He even uses cardboard milk containers instead of clay pots for his plants.

"You have to look at waste creatively," Naylor stresses.

Scientists, planners, and engineers place too much emphasis on problems associated with waste management, he says.

"Engineers should look ahead to solutions with the same energy that they are putting into understanding the problems. We've really got to look ahead to safe, manageable solutions to industrial waste problems."

In an industrialized state such as New York, the opportunities for conversion of waste into useful by-products are enormous, Naylor points out. A brewery in Fulton, NY, contacted Naylor several years ago about disposing a solid waste from wastewater treatment. He analyzed the material and found that it was rich in nitrogen, among other essential plant nutrients.

In tests on a hay field, fertilizer made from that brewery by-product doubled hay yields and boosted the crude protein in the hay. Today, that waste is a licensed fertilizer product that is sold as a by-product instead of being buried in a landfill.

Another example is a cement plant near Albany which created mountains of kiln dust waste. Naylor discovered that this material was an excellent substitute for lime, which is used to adjust soil pH levels in agricultural land.

In New York alone, the cement industry annually creates almost 300,000 tons of cement kiln dust; nationally, the amount is more than four million tons. The Albany cement plant now sells the dust instead of looking for places to pile it.

Many industries ignore the potential markets for their wastes because there is no large profit involved.

"The important thing to remember is that although recycled waste may generate little income, at least it isn't a costly burden," Naylor points out.

In still another case, Naylor demonstrated that a pharmaceutical firm could distribute the organic waste from the plant's fermentation processes as compost for home gardeners and for the establishment of turfgrass. At a dairy processing plant, Naylor showed the management how some residue collected from milk during processing could be used as feed for hogs.

"Too often, potentially valuable resources have been wasted," Naylor says. "They have been wasted because it's more convenient to throw them away in the landfill."

Delaware offers ag preservation litter bags

DOVER, Del. — Mike McGrath, manager of the Delaware Department of Agriculture's Agricultural Lands Preservation Section announced today the availability of litter bags that promote the "wise use and conservation" of Delaware's 520,000 acres of farmland.

McGrath said that "the logo on the litter bags reads 'Don't let it go... Help Delaware farmland grow' and that 10,000 bags were printed and are available to groups and activities that wish to spread the word of agriculture's importance in Delaware."

He added, "One of the main objectives of Delaware's Agricultural Lands Preservation Act of 1981 is to educate the public of the need to protect Delaware's prime farmland. We are using the litter bag campaign to help achieve our goal of public education."

To reserve a quantity of litter bags call Rachel Fields at 736-4811 or 800-282-8685 (New Castle or Sussex Counties). The litter bags are available at the Department of Agriculture building, 2320 South duPont Highway, Dover, Delaware 19901.

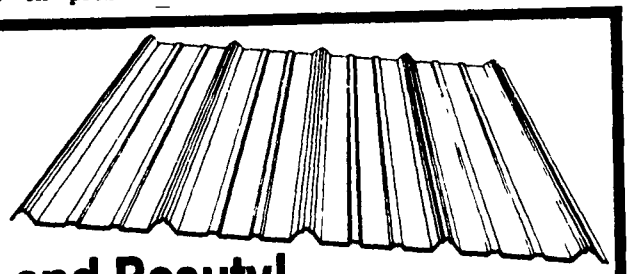
Kerr attends national vocational convention

WILLOW STREET — Jim Kerr, a vocational agriculture teacher at Willow Street AVTS, joined approximately 500 agricultural educators attending the American Vocational Association National Convention in Atlanta, Ga. Dec. 6 through 10.

An estimated 6,500 vocational educators attended the 600 plus sessions keyed to the theme, "Working Together for Excellence in Education."

Kerr, currently serving as the president of the Pennsylvania Vocational Agricultural Teachers Association, also served as a delegate and a member of the curriculum committee during the convention.

Imperial Rib



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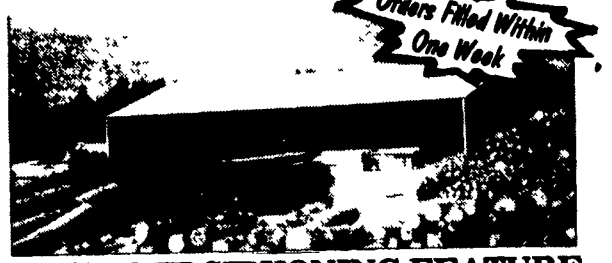

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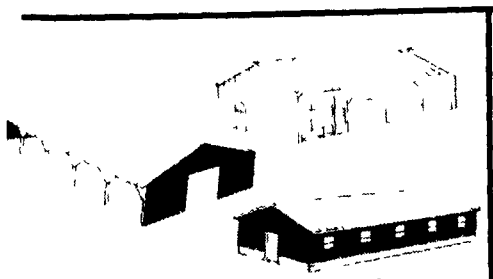

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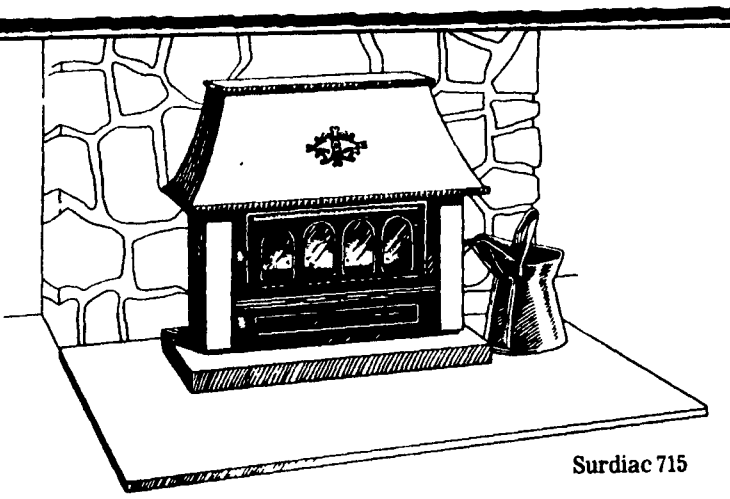

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Small grains plus vetch provide economical haylage

BY
George F.W. Haenlein
University of Delaware

NEWARK, Del – Using hairy vetch plus small grains as cold season forages, double cropped and followed by corn or corn and soybeans for silage produces more feed tonnage, digestible energy, fiber and protein, and more milk and meat per acre in this area than any other dairy farm practice that I can think of, with the exception of forage brassicas.

With the capable help of Delaware Experiment Station farm with superintendent Larry Ford and his staff, we've experimented more with these crops during recent years at our university dairy farm, while trying in vain to secure good seed sources for brassica alternatives. And we've found many advantages to small grain forages plus vetch.

With this combination, we've been able to produce up to 10 tons of excellent haylage or silage, or up to 2 1/2 tons of good hay per acre in addition to plenty of corn silage for year-round heavy silage feeding, which is our most profitable way of producing milk.

There is little difference in nutritional value or yield between rye, wheat, barley or oats, but rye gives us fewer optimal harvest dates. For forage use, small grains must be harvested in the boot stage at the end of April to beginning May and before head emergence. This doesn't give maximum tonnage but will give you the highest protein and digestible energy values per pound of harvested forage. The maturity stage of the grain plants–not the vetch–determines the harvest date.

The vetch contributes protein and digestible energy to the small grain mixture. Besides that, it enriches the soil for the subsequent corn crop. We estimate that hairy vetch has added an average of at least the equivalent of 50 pounds of nitrogen per acre per year over the last ten years, thus reducing our corn production costs. These estimates are based on observations by our university farm management team.

Another agronomic advantage of harvesting small grain forage early in the boot stage is that more residual winter moisture is available for the following corn silage crop, which can be planted without yield-reducing delays–especially if you're using no–till.

One of our most successful production practices for small grains plus vetch involves plowing in a rotation program at least every third year. In non-plowing years we disk and smooth cultivate more than once. Some corn herbicide residues, such as Dual or Trizine may affect subsequent small grain and vetch growth, so some form of tillage is important.

To determine our fertilizer needs we analyze soil samples take after corn harvest. Phosphate, potassium and lime are usually applied in early fall. In the spring we apply about 70 pounds of liquid nitrogen before March 20 or, if it's a wet year, we may use granular nitrogen. Other fertilizer needs for the corn are based on harvest removal of nutrients by the preceding small grain/vetch crop. We like to maintain a soil pH of 6.0 to 6.5.

The small grain and vetch are seeded before November 1 as follows. In a cement mixer, we combine 48 pounds of barley seed and 9 pounds of inoculate hairy vetch seed. We drill the seed at a rate of 2-1/2 bushels of small grains, such as barley, and 22 pounds of vetch, on a total of about 140 pounds per acre at a depth of 1.5 inches. The seeder is a conventional grain drill with double disk openers and a chain drag.

When selecting small grain varieties we prefer those with strong stems to support the vetch. This is because, if harvest were delayed, we've sometimes had problems with the vetch lodging ont the grain plants.

We have harvested several hundred tons of vetch-plus-small grain forage each spring in recent years. This provides one-fourth to one third of our annual forage needs, allowing us to supplement our corn silage without increasing acreage–a real advantage, since cropland is limited. We usually make 60 to 70-percent moisture haylage (after wilting for about a day) with no preservatives. This goes into 100-ton plastic bags which we use as temporary, horizontal silos, since we don't have enough upright storage units for haylage.

On a dry matter basis our barley- or rye-plus-vetch haylage mixtures have been testing between 14 to 20 percent crude protein, 32 to 42 percent acid detergent fiber and 0.40 to 0.5 megacalories of net energy per pound for lactation. By comparison, our corn silages usually test only 7 to 9 percent protein, the same fiber content but 50 to 90 percent higher energy due to the kernels.

Using small grain/vetch haylage has allowed us to use less commercial protein feed in our grain supplement program than we did when corn silage was our major or only succulent forage, since that tested only half the protein content or less.

For our university dairy herd the extra work and expense of planting, growing, harvesting and storing small grains plus vetch for supplementary forage has had decided agronomic, nutritional and economic benefits. If you've haven't tried it yet, I suggest you give this practice a try on your farm, too. In these tight economic times we must make good use of all available resources.

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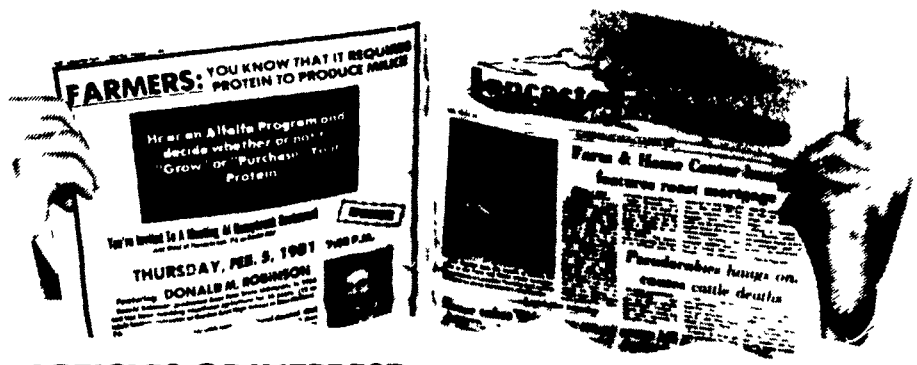
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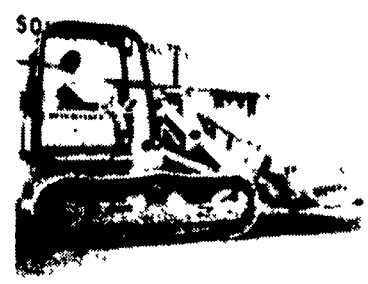

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Region's farmers better off than Midwesterners?

ITHACA, NY. – The region's farmers have their share of financial problems, but they are not as bad off as farmers in the West and Midwest.

Cornell University agricultural economist Eddy L. LaDue made that point during the Agribusiness Outlook Conference held on campus recently.

Outlining the financial situation of New York State agribusiness, LaDue said that New York's farms, agricultural suppliers, and farm lending institutions are in better shape than those in some other states because the prices of New York's major farm products – particularly milk – are more stable than corn, soybeans, and other Midwest crops – and New York land values have remained relatively stable.

"New York's agriculture is largely a dairy-based economy, and the dairy prices have not been down as much and as long as grain crops have been," said LaDue, a professor in the New York State College of Agriculture and Life Sciences at Cornell.

The nation's major grain producing regions, such as the Midwest, are having the most trouble, LaDue said. Grain prices have been severely depressed for several years, and they are not expected to go up in the near future.

LaDue also observed that problems on the farms tend to affect the economics of nearby communities, businesses, and banks.

"We are seeing that problems experienced on the farm level are having a direct impact on agribusiness in this country," he said. "Farm problems also damage the economies of many rural communities."

"The farm credit system nationally has problems," he noted. "They have higher levels of losses than they ever had before."

Loan losses nationally went from $260 million in 1983 to $400 million in 1984. Losses for the first half of 1985 totalled $301 million.

In northeastern states such as New York, where farm incomes and land values have been more stable than in the Midwest, the rate of defaulted farm loans is lower than the national average, LaDue said.

In 1984, for example, loan losses by the Farm Credit System were less than 0.1 percent of total farm loans in New York. The national average for that same year was more than five times higher, he pointed out.

Curiously, the low grain prices that have been so damaging to farmers in the Midwest have had a beneficial effect on dairy and livestock farmers, LaDue said. Those low grain prices have translated into lower feed prices, which in turn created lower production costs in the dairy and livestock industries.

Milk production in New York and other dairy producing states has been climbing faster than demand. If that trend continues, dairy prices could tumble, and the dairy industry could be in for some tough times.

If dairy supplies don't go down, dairy prices will, and dairy farmers could face problems nearly as bad as those experienced by midwestern grain farmers," LaDue predicts.

Student wins scholarship from Delmarva group

NEWARK, DE – Eric L. Knutsen, a University of Delaware junior majoring in agricultural business management, has won a $500 scholarship from the Delmarva Corn and Soybean Technology Conference planning committee. He plans a career in farm finance, either with a farm agency or management consulting firm.

Knutsen lives on a dairy farm in Rising Sun, Md. He is a junior partner with his father and uncle in the family's 150-cow registered Holstein operation and himself owns 36 cows. Merchandising cows, rather than selling milk, is the main thrust of the business, which includes exporting registered stock, primarily to Germany, China and the Middle East.

Eric L. Knutsen

"Because of my interest in investment management and farm finance,"Knutsen explains, "after graduation I plan to pursue a career as a finance officer with an organization like the Production Credit Association. Since agriculture is becoming very capital intensive, I believe farmers need to concentrate their efforts on the management sector of farming and rely more and more on specialists in areas such as finance."

Taking advantage of his farm connection, for the past two years Knutsen has conducted a computer-based independent herd health study project under the direction of one of his professors, University of Delaware extension dairy specialist Dr. George Haenlein. This project involves developing a computer program which reminds producers of routine management practices involved in raising replacement heifers for the herd. Each animal is entered in the computer at birth and then tracked by age for routine procedures such as dehorning, weaning, worming, breeding and a pregnancy check.

Over the past two years Knutsen has logged in 120 family Holsteins for this project. He will evaluate the results in December and hopes he'll have developed a useful management tool which any dairy farmer could use.

Though the Knutsens don't presently own a microcomputer, they're shopping for one which will meet their needs. Eric's mother is earning a degree in computer technology from Cecil Community College, in preparation for its use.

The Corn and Soybean Technology Conference planning committee also presented a $500 scholarship for the fall semester to University of Maryland senior Brian J. Shufelt. An agronomy major, after graduation he plans to work on his family's grain farm near Secretary, Md.

January in Delmarva

Jan. 13: Agricultural Pesticide Conference, Wicomico Youth and Civic Center, Salisbury, Md., 8:45 a.m. Fee: $7.50. Contact: U. of Md., Dept. of Entomology, College Park, Md. 20742.

Jan. 14: Agricultural Pesticide Conference, Walkersville Fire Hall, Frederick, Md., 9 a.m.

Jan. 15: Delaware No-Till Meeting, Hartly Fire Hall, Theme: "Recipes for No-Tilling Corn and Soybeans". 8 a.m. 3:30 p.m.

Jan. 16: Upper Eastern Shore Agronomy Day, Tawes Theatre, Washington College, Chestertown, Md., 8:30 a.m.-2:30 p.m.

Jan. 21,22: Delaware Vegetable Growers Meeting, (concurrent with Del. Potato Growers Assoc. mtg.) Sheraton Inn, Dover, Del., Tues. banquet tickets: $15, contact: Newark Extension: 302-451-2506.

Jan. 30: Cecil Co. No-Till Breakfast, Schaefer's Canal House, Chesapeake City, Md., reservations required, contact: Cecil Co. Extension, 398-0200.

Worm holes a problem?

CHICAGO, IL – Water, carrying fertilizers and pesticides, may move rapidly out of a crop's root zone through large worm holes or burrows made by organisms that thrive in no-till fields, William M. Edwards told the American Society of Agronomy.

"We measured runoff from a field that has been producing corn for 20 years without tillage and found that almost all the rain infiltrates and very little runs off the surface," Edwards said. "We know no-till reduces erosion and runoff from our soils even though it also causes increased compaction. But we don't know how it affects the way water and agricultural chemicals move through the soil."

Lack of annual tillage creates changes in the topsoil and subsoil that may affect the amount and quality of water that moves through the soil and into the groundwater supply, Edwards said.

"To find out where and how fast the water goes, we applied colored dye with a small sprinkler so we could trace it. The results showed that some water moved rapidly down through large vertically continuous worm holes."

Edwards, soil scientist with USDA's Agricultural Research Service, North Appalachian Experimental Watershed, Coshocton, Ohio, will use this information to develop equations to predict the amount of water, fertilizers, and pesticides that move out of the root zone into the ground water supply under no-till conditions.

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Alfalfa stems' digestibility

CHICAGO, IL – If alfalfa growers believe digestibility is more important than tons per acre, they should harvest well before full bloom, according to Dwayne R. Buxton, plant physiologist with USDA's Agricultural Research Service.

Reporting results of his research before the American Society of Agronomy, Buxton said he analyzed the stem portion of 68 strains and varieties of alfalfa for digestibility and protein content in the stem bases and whole plants. He found the lower stems lost digestibility twice as fast as the rest of the plant.

"Early harvest is essential to limit the impact of poor quality stem bases," he said. "Even at the early bloom stage, the bottom third of the stem is low in quality."

He found significant differences among the alfalfa lines he tested. "The results indicate that breeding work could improve the digestibility and crude protein characteristics in the lower stem of alfalfa," he said.

Results of the research, done in cooperation with Iowa State University and the USDA Plant Introduction Station, Ames, Iowa, suggest that grazing high producing cows first and lower producing animals later would be a productive management practice, Buxton added.

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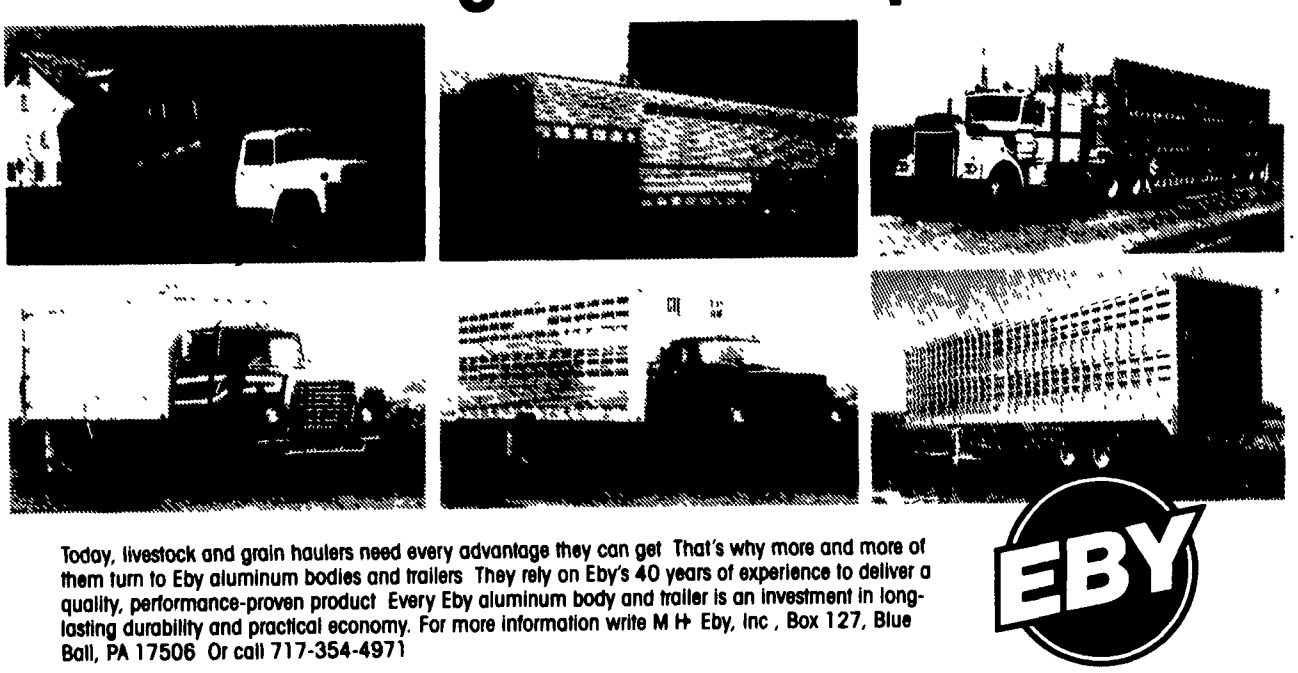

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Artichokes double as cash crop, silage

BY BARB MILLER
Staff Correspondent

WILLIAMSPORT — There's a new crop gaining acceptance in Pennsylvania. According to Wayne White of Spring Mills, Centre County, it is one that has markets waiting to be filled. White recently opened PLOT, 1, Inc., an artichoke processing and storage plant, in South Williamsport. As far as White knows it is the only one of its kind in the east.

White will process 260 acres of artichokes from central Pennsylvania this year and has contracted 500-600 acres for next year.

These are not the artichokes for which California is famous, White explains. Those are grown aboveground on a thistle-like plant. Rather, these artichokes are tubers, thick fleshy roots, such as potatoes, carrots and beets.

Known as Jerusalem artichokes, they are a member of the sunflower family and grow 10-15 feet high with yellow daisy like flowers. The whitish bulbs are edible and may be used raw in salads, pickled, or made into high protein flour. The tops may be harvested as silage for farm animals. Artichokes can also be used to make ethanol for fuel.

An acre of artichokes yields 20,000 pounds of tubers and 18,000-20,000 pounds of tops for livestock use. Farmers under contract to White receive eight cents per pound for the tubers.

"It's an excellent crop for livestock feed, and as a cash crop," White says.

Tom Dunlap of Jersey Shore R.D. 4, who grew 20 acres of artichokes for White this year agrees, "I think it will be a good cash crop for farmers. Right now there's no money in corn or soybeans."

According to Joyce Dunlap of Jersey Shore, R.D. 4, manager of White's Williamsport operation, artichokes are similar to potatoes in planting and harvesting. Like potatoes they are planted in rows, hilled and even dug with a modified potato digger. But unlike potatoes, artichokes may be planted and harvested in either the spring or fall. Most farmers prefer fall for both operations because they have more free time. Also, tubers planted in the fall give an increased yield.

When a farmer plants artichokes, he must make a decision as to their use, White says.

"The farmer has to decide whether he wants a high protein level for livestock feed or lower protein and a bigger tuber yield," says White.

If the farmer opts to use the artichokes for animal feed, he may make as many as three cuttings of the tops during a season, but his tuber yield will be smaller. If he's growing them primarily for tubers, he'll make fewer or no cuttings from the tops.

White says more and more farmers each year are growing artichokes for use as a high protein animal feed. Ralph Reisophl of Blair County who has 45 acres under cultivation and Geoge Martin of Vicksburg are area dairy farmers currently growing and using artichokes for livestock feed.

What has been the effect, if any, of the artichoke rations upon milk production?

"They have seen no drop in milk production," White reports, "but (have seen) a drop in bulk protein."

Pennsylvania State University, according to White, is monitoring artichoke tops for yield and protein and within the next year will have completed additional research concerning their use for livestock feed.

One third of White's artichokes, he says, will be sent to Philadelphia to be made into pickled artichokes, another third will be used for fresh food, and the remaining third will be kept for seed stock for next spring.

White would like to see more acreage devoted to artichokes.

"I got markets I can't fill," he says. "We need a larger acreage so that some of the market area we can get into on a year around basis."

White's involvement with artichokes began a little more than two years ago in a somewhat unusual manner.

"All I did," he says, "was take a negative and turned it into a positive."

At the time, White who had farmed most of his life, was under contract to grow 20 acres of artichokes. White planted the tubers, but before the company was able to buy them back it went bankrupt. White was left with 20 acres of artichokes and no market in sight.

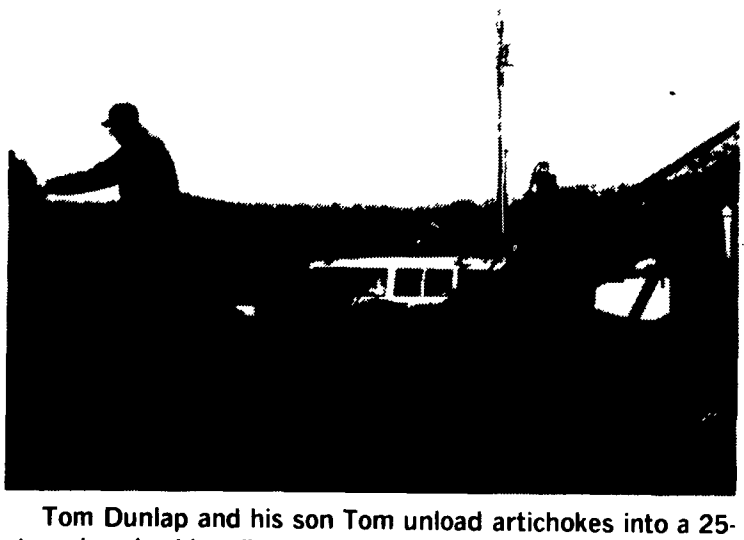
So he consulted an agronomist at Penn State University. He discovered he had an excellent livestock food. Additional research led him to learn of the variety of uses of the plant.

Then White developed markets for the artichokes and just recently purchased the former Hurr's Dairy Store in South Williamsport because it had the refrigeration equipment needed to store the tubers. According to White, the building is capable of storing 4 million pounds of artichokes at the required 28 to 30 degrees temperature required by the tubers. Eventually, White hopes to process other tubers as well.

And does White have a favorite way of preparing the artichokes to eat.

"I like them raw or hot pickled," he says.

Wayne Robinson and his 10-year-old son Dusty sort artichokes on the conveyor at the plant.



Tom Dunlap and his son Tom unload artichokes into a 25-ton rig, checking first for stones, roots and other foreign material.

Harvesting artichokes with a slightly modified potato harvester are George Huet, left, and Wayne Robinson, right.

Outlook for '86: Expenses - and prices - to go lower?

ITHACA, NY — The 1986 economic outlook for America's farmers is not encouraging, despite projections of stable or, in some cases, lower operating expenses, a Cornell University agricultural economist says.

In 1986, farmers will be paying about the same or even less for fuel, fertilizer, feed, and other inputs, but unfortunately they will be receiving lower prices for much of what they produce, predicts George L. Casler, a professor of agricultural economics in the New York State College of Agriculture and Life Sciences at Cornell.

"Generally, farm expenses will be about the same or a little lower next year, but most farm prices will be lower as well," Casler said.

Casler made his remarks while discussing the 1986 economic outlook for the nation's farmers during the Agribusiness Outlook Conference held at Cornell recently.

The lower prices farmers will receive for their grain and some other products are largely due to an "oversupply" situation, Casler said. American farmers continue a high rate of production in spite of a slow-growing domestic market and increasing foreign competition.

As farmers continue to receive low prices, he said, some step up production to make up for the decreased revenue. That stepped-up production, however, makes the oversupply situation even worse.

"The 1985 U.S. corn crop is projected at 8.5 billion bushels, but the market for the following year is expected to be only seven billion bushels," Casler said.

That projected surplus of 1.5 billion bushels will create more downward pressure on corn prices, and it also will increase storage costs for farmers and government agencies that will store the surplus corn.

Previewing the 1986 farm expenses and income prospects, Casler said that the costs of feed and fuel should be down slightly, while interest rates and prices of chemicals, pesticides, and machinery will "essentially be unchanged."

"That won't help things, however. I don't think the cost side, except for the interest rates, worries farmers today," Casler said. "It's the income side that worries them, and farm income, especially from grain, won't be good."

Some grain farmers will be helped by federal price supports, which in some cases make up the difference between the market price and the target prices for farm products.

In the short run, low grain and feed prices will reduce the operating costs of the livestock farmers, but, in the end, they too will face the same price squeeze as the grain farmers do, Casler pointed out.

"Livestock feed prices will be lower in 1986," Casler predicted. "Some improvement in hog and beef prices is expected in 1986, but profits from these products will be small at best."

NJ Farm Bureau crowns queen

TRENTON — Bonnie Higgins of Belle Mead was crowned Queen of the New Jersey Farm Bureau during the organization's recent annual convention.

The 20-year-old junior at Moravian College in Bethlehem, Pa. is studying journalism and pre-law.

She is the daughter of Mr. and Mrs. Roy Higgins, a livestock and grain farmer in Somerset County.

First Runner-Up in the competition was Jeannette Rea of West Cape May. A student at Rutger's State University, she is studying home economics and hopes to pursue a master's degree and become a county agricultural agent. Jeannette is the daughter of Mr. and Mrs. Leslie Rae, who produce lima beans, field corn and hay.

Bonnie was selected as Queen from among seven contestants who were judged on their farm background, maturity, personality, poise and appearance. The event is sponsored by the Farm Bureau Women's Committee.

The final judging took place during the New Jersey Farm Bureau annual convention, in Cherry Hill. Acting as judges were Mrs. Karen Kleinschuster, wife of Stephen Kleinschuster, Dean of Cook College; Anaeline McTighe, wife of Farm Bureau attorney Art McTighe, and Charles Simon, Vice President of Farm Family Insurance. Acting as master of ceremonies during the final judging was Arthur Jarman of Monroeville.

The Queen will receive an all-expenses-paid trip to the American Farm Bureau Federation annual convention in Atlanta, Ga. in January, and a bracelet with an engraved charm.

New pork checkoff to generate $25 million annually

DES MOINES, Iowa – Congressional approval of the 1985 Pork Act this week represents a landmark event for U.S. pork producers. The Act, a section of the Farm Bill package, for the first time establishes a standard checkoff rate for pork producers in all states.

Within 30 days after the final order is issued by the Secretary of Agriculture, expected at mid-year 1986, all pork producers will checkoff all classes of swine at the first point of sale at the rate of .25 of one percent of value. Importers of hogs and pork products will also participate in the uniform national checkoff.

A referendum of all pork producers will be held 24 to 30 months after the initial order goes into effect. Until that referendum, producers will be entitled to a refund if they request it. If the referendum is approved by a simple majority of voting producers and importers, no refund would be offered from that point on.

The new checkoff plan for pork producers is expected to generate approximately $25 million a year, with about 70 percent of that going into strenghtened advertising and promotion programs.

National Pork Producers Council president, Ron Kahle, had high praise for the solid support of the nation's pork producers, and the 38 state producer organizations affiliated with the National Pork Producers Council, during congressional consideration of the Pork Act. He also commended the National Pork Council Women. "By the thousands, producer leaders and individual producers took the time to let members of the Congress know by phone, by letter and in personal visits that they wanted the Pork Act to pass," the NPPC president said.

Kahle also thanked the chief sponsors of the Pork Act in Congress, U.S. Senator Edward Korinsky of Nebraska and U.S. Representative Tim Penny of Minnesota "for their courtesy and patience during the lengthy consideration of the measure."

The NPPC president, noting that the self-governing structure of the National Pork Producers Council will remain in place at the local, state and national level, said it is more important than ever that local and state producer input into programs and projects is provided.

"This will assure that the priorities established for spending producer checkoff money matches the needs and wishes of a majority of the nation's pork producers," Kahle said.

NPPC wil soon conduct a nationwide survey of all pork producers, whether or not they are NPPC members or presently contribute to the producer checkoff program. The survey will assist NPPC in evaluating the priorities of producers on how the universal checkoff money should be invested.

Kahle, on behalf of the NPPC Executive Committee, also announced that NPPC plans to hold a series of forums for producers next spring in several states. The new checkoff plan will be explained at the forums, along with present and planned NPPC programs and projects to provide maximum opportunities for producer profit. Kahle said the major purpose of the forums will be to actively encourage and openly seek producer input and involvement in establishing future program and project priorities for the NPPC.

The present .3 of one percent of value producer checkoff will remain in place until the Secretary of Agriculture issues an implementation order for the new Pork Act, expected about mid-1986.

Alfred names ag dean

ALFRED – The former chairman of the Division of Natural Sciences and Mathematics at Liberty University, Lynchburg, VA, has been appointed dean of the new School of Agriculture and Allied Health Technologies at Alfred State College.

Dr. Terry L. Weaver's appointment as the first dean of the newly-merged schools of Agricultural Technologies and Allied Health Technologies was announced by Dr. David H. Huntington, college president.

Dr. Huntington said the purpose of the merger was to combine the college's laboratory science studies into one school under an educator-administrator with experience in both agriculture-related and health-related sciences.

"Dr. Weaver's background makes him ideally suited to head the new school," the college president said.

As dean, Dr. Weaver supervises 72 faculty and staff in the departments of Agricultural Industries, Chemistry, Medical Services, Nursing, Ornamental Horticulture, and Plant and Animal Science.

Dr. Weaver holds a B.S. degree in Biology from Indiana University of Pennsylvania and both an M.S. and Ph.D in Microbiology from Ohio State University.

After earning his doctorate in 1973, Dean Weaver joined the faculty of the College of Agriculture and Life Sciences at Cornell University as an assistant professor of microbiology.

He left that academic post in 1976 to join the American Hospital Supply Corp. of Gibbstown, NJ, and held several positions in research and development with the corporation. At the time of his departure in 1979 to join the faculty of Liberty University, he was head of a Biochemistry Research and Development Department.

During six years at Liberty University, Dr. Weaver was promoted several times and was professor and chairman of the Division of Natural Sciences and Mathematics prior to joining Alfred State College this year.

Dr. Weaver was born in Johnstown, PA, and is a graduate of Conemaugh Township High School in the Johnstown area. He is a veteran of the U.S. Army Chemical Corps, having served as a research microbiologist at the Army's biological laboratory facility, Fort Detrick, MD.

Dr. Weaver and his wife, the former Marilyn Wilson of Bethel Park, PA, and their two children reside on Alfred-Almond Rd., Almond RD 1.

Increasing nitrogen use

CHICAGO, IL – A computer model is available that predicts the best nitrogen fertilizer practices to produce high crop yields yet protect the environment from excess nitrate that leaches to groundwater, Marvin J Shaffer told the American Society of Agronomy.

The updated and expanded Nitrogen-Tillage-Residue Management model now simulates the growth of 20 crops, including nitrogen-fixing legumes, under dry, wet, and average weather and a variety of crop rotation systems and management practices.

Soil nitrogen movement, uptake, transformations, and distribution were simulated for several crop sequences common in the Corn Belt, and nitrogen uptake by plants and loss to leaching was calculated under selected conditions.

Shaffer said the information will be useful to farmers and extension personnel in selecting the best management practices for on-farm use.

The Nitrogen-Tillage-Residue Management model is also a valuable research tool, Shaffer said. Tests that would take several years with standard field-plot techniques can be calculated in a few weeks using the model

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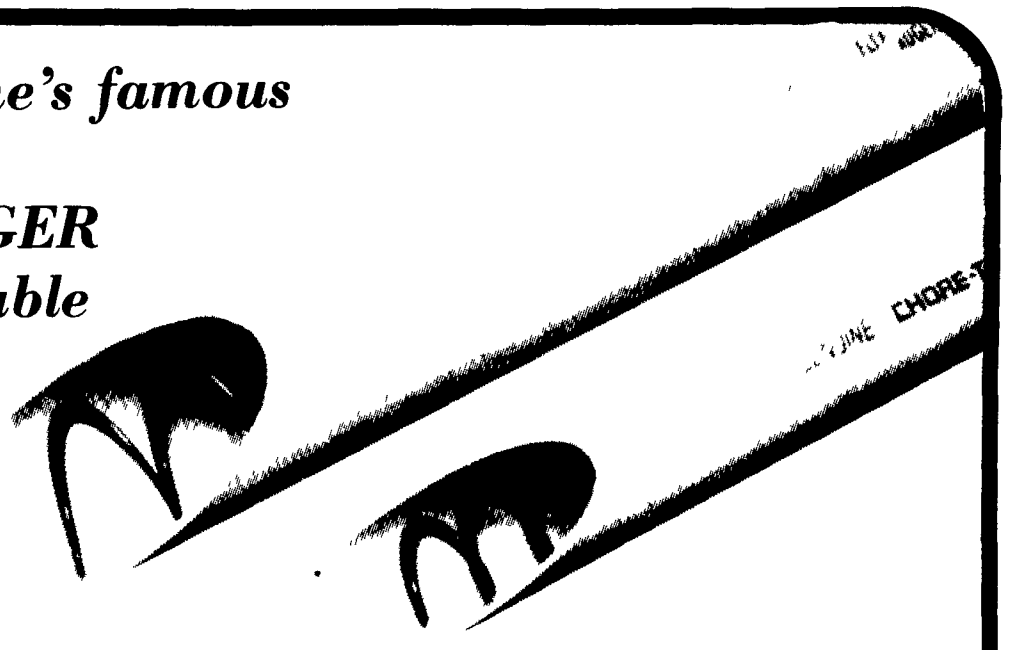

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Refinancing may make sense, economist says

NEWARK, DE. — In recent years many farm loans, both for mortgages and short-term debts, were obtained under high interest rates. Some loans carry variable interest rates and adjust downward as well as upward.

What can farmers do about loans with a high fixed rate or a variable rate adjustment that doesn't seem to keep pace with downward trends? Consider refinancing, advises University of Delaware extension farm policy specialist Gerald F. Vaughn.

"When interest rates come down, as has happened recently," he says, "you can often obtain refinancing at more favorable terms." Refinancing may include a lower interest rate, a longer or shorter repayment period, or a more favorable repayment schedule.

"You may be able to refinance your existing farm mortgage," Vaughn says. "Even an interest rate two percentage points lower than the original can result in savings of thousands of dollars on a substantial mortgage–especially in the early years of amortization when interest payments are largest."

Farmers with land equity (unmortgaged debt-carrying capacity) can sometimes refinance burdensome short-term debts, using the real estate as security. This may reduce their interest charges, since real estate loans often carry a lower rate of interest than short-term debts.

It may be possible to lighten the burden of short-term debts by spreading out payments over the longer period of a real estate loan, the specialist says. For example, spread repayment over 20 years instead of five. This also removes the risk of losing vital machinery or livestock which are presently securing the short-term debts, if a farmer is unable to make payments under the current financing arrangement.

"Refinancing short-term debts may make sense when continuing current payments would cause negative cash flow on the farm or substantially reduce your family's level of living," Vaughn says. However, he cautions, if the farm operation cannot be readily strengthened and refinancing would merely complicate and delay the eventual decision to sell out, refinancing probably is unwise. "If your farm's rate of return is less than the refinancing interest rate, refinancing definitely doesn't make sense," the economist says.

Nor is refinancing of short-term debts advisable if a farmer's land equity is based on appreciated land values due to inflation rather than earned income. When land values stabilize or fall in less inflationary times, a real estate loan can lose much of its security.

Farmers who don't want to reduce monthly payments, but would like to reduce the total interest charges on their loans, can also benefit from refinancing when interest rates fall, Vaughn says. "You can refinance in a way that holds monthly payments at current levels while shortening the number of years that interest must be paid. This will reduce total interest charges over the life of your loan."

When refinancing either farm mortgages or short-term debts, fees or other expenses will likely be involved which must be paid at the time of refinancing. So if an existing loan is nearly paid off, refinancing may not be advisable since the potential savings might not justify the immediate expenses.

"If you're concerned about your debt load, contact your current lender to see if refinancing is possible at terms advantageous to you," advises Vaughn. "If refinancing is not available from this source, consider contacting other lenders, unless your relationship with your current lender is one you'd hate to give up."

Beef production seminar slated in Rochester

ITHACA, NY. — Beef producers, dairy farmers, and crop growers throughout New York and neighboring states are being invited to a two-day conference on "beef cattle marketing and finishing" in Rochester, NY, Jan. 22-23, 1986.

To be held at the Marriot Hotel, the Rochester conference is sponsored jointly by Cornell Cooperative Extension, Cornell University, the New York State Department of Agriculture and Markets, and the New York State Beef Cattlemen's Association.

Danny G. Fox, one of the organizers of the meeting, says the aim is to identify marketing and production systems necessary for profitable beef production in New York State. A beef specialist, Fox is an associate professor of animal science in the New York State College of Agriculture and Life Sciences at Cornell.

Recent research advances in the use of biosynthetic bovine growth hormone to boost cows' milk yields and other factors may lead to a reduction in dairying, Fox says. One of the objectives of this conference is to examine alternatives to dairying using the resources that reduced dairy operations will make available.

The conference will feature sessions on the potential for beef production in New York, experiences in finishing cattle, managing and financing cattle feeding, and risk management. Topics include switching from dairy to beef and developmentl of a profitable cattle feeding enterprise; buying, selling, and feeding cattle under New York conditions; direct marketing of feeder and finished cattle; contract feeding in the eastern corn belt and in the Northeast; and resources available and ingredients needed for profitable cattle feeding.

Setting the stage for the event will be Edward King, New York State Deputy Commissioner of Agriculture and Markets, who will speak about the importance of agricultural development in New York at 1:15 p.m., Jan. 22.

For more information about the program and a trade show to be held in conjunction with the conference, contact James Hilson, Cayuga County Cooperative Extension Center, 248 Grant Ave., Auburn, NY 13021, or call (315) 255-1183.

Forage digestibility

CHICAGO, IL — A small improvement in digestibility of a forage grass is more profitable than an increase in yield, Kenneth P. Vogel, U.S. Department of Agriculture research geneticist, told the Agronomy Society of America.

A new switchgrass variety, Trailblazer, accounted for a 35 percent gain in beef production per acre when compared to Pathfinder, a commonly used switchgrass variety, Vogel said. That increase in gain is worth about $45 per acre to beef producers at recent prices.

A 6 percent increase in digestibility brought the increased weight gains. "Just a slight change in digestibility can greatly improve animal performance," Vogel said. "And we proved that it's possible to breed switchgrass with good digestibility without decreasing forage yield."

In two years of grazing trials at Mead, Neb., yearlings on Trailblazer for 60 days had an average gain per acre of 306 lbs. compared to 227 lbs. for cattle grazing Pathfinder.

The new variety was developed by Vogel, and research geneticist Herman J. Gorz, Agricultural Research Service, and geneticist Francis A. Haskins, University of Nebraska.

The researchers also found sufficient genetic variability for improving quality traits, such as digestibility, in other forage grasses including indiangrass, sand bluestem, crested wheatgrass, and intermediate wheatgrass. "We believe that the quality traits in all these grasses can be improved by breeding," Vogel said.

Trailblazer was released as a new variety in 1984, and certified seed should be available for commercial plantings by spring of 1986.

Cornell scientist heads soil conservation group

ITHACA, NY — Ray Bryant, a soil scientist at Cornell University, has been installed as president of the Empire State Chapter of the Soil Conservation Society of America, a scientific organization dedicated to the promotion of wise use of soil and water resources.

Bryant will serve as head of the New York State group for one year through October 31, 1986. Bryant's election was announced during the group's annual meeting held recently at Cornell.

A member of the Cornell faculty since 1981, Bryant is an assistant professor of soil classification and survey in the New York State College of Agriculture and Life Sciences. Besides his teaching duties, Bryant conducts field studies to gain a better understanding of the processes of soil formation and landscape relations.

Bryant earned the B.S. (1973) and M.S. (1977) degrees from Texas Tech University, and the Ph.D. (1981) degree from Purdue University.

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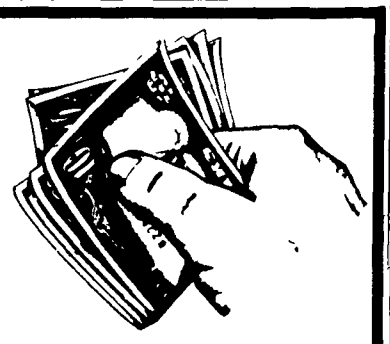

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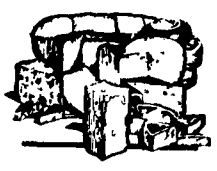

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Franklin Co. asks ACP applications

CHAMBERSBURG – R. Gene Stoner, Chairman for the Franklin County ASC Committee announces that the Franklin County ASCS Office is accepting applications for the 1986 Agricultural Conservation Program (ACP). The County Office will be accepting requests until February 14.

The 1986 ACP Program takes a vigorous approach in meeting the soil, water and pollution problems. This is a program whereby farmers receives cost-share from the government for establishing control of soil, water and pollution problems.

Applications will be approved by the County Committee, after February 14, 1986, based on priority within funding limitations. Soil loss will be considered a factor in approving these practices. The percent of cost-share may vary because of limits set by the County Committee. Complete details on each practice are available at the ASCS Office.

The County Office will be accepting applications (LTA) over a period of three to five years to solve various conservation problems. These Long Term Agreements are offered over and above the regular ACP Program.

Persons interested in receiving cost-share should make arrangements to enroll soon.

PSU prof presents two papers

DOVER, DE. – Gregg B. Neumann, a 14-year veteran of the Meat Inspection Section of the Delaware Department of Agriculture has been presented with a Certificate of Appreciation from the Food Safety and Inspection Service of the U.S.D.A. Making the presentation was Joseph Priore Jr., Officer in Charge of the Compliance Division of the USDA's Northeast Region.

The award was made to Neumann for his involvement in the investigation of the Summit Meat Plant. Operators of the plant were convicted of diverting thousands of pounds of adulterated meat originally destined for use in pet foods, to schools, restaurants and other institutions.

The plant was initially investigated by federal and local law enforcement officials for drug trafficking and it was during this investigation that irregularities were discovered in its meat distributing operations.

Neumann's award marked the first time USDA has used a state compliance officer in its investigations.

Delaware Agriculture Secretary, William B. Chandler Jr., felt that Neumann's efforts typified the professionalism of Delaware's Meat Inspection Service.

Del. official wins USDA certificate

UNIVERSITY PARK – Growth regulators and soil anticrustants were the subjects of papers presented by Michael D. Orzolek, associate professor of horticulture extension at The Pennsylvania State University.

Orzolek spoke about his findings at this year's international Society for Horticulture Science symposium, "The Timing of the Field Production of Vegetables." His presentations were titled, "Effect on the Addition of Growth Regulators to Gel on Growth and Yield of Tomatoes" and "Soil Anticrustants."

Orzolek also served as a moderator during the symposium's last session.

The event was held in Tampa, FL. Researchers from Holland, Belgium, the United Kingdom, Denmark, Israel, Canada, Sweden, Spain, India, Italy, Australia and West Germany also presented papers and participated in field tours of vegetables grown in the Tampa area.

Agway hosts vegetable growers

Speaking to a group of vegetable growers last week at Kreider's Restaurant in Manheim were Agway experts Dennis Shoop, left, plant manager of the Elizabethtown Seed plant; Janet Brothers Fallon, Manager of ICM Development in Tully, NY; and Jeff Johnson, Commercial Vegetable Seed Salesman. The event was sponsored by Agway to give growers the latest information on seed varieties and control of disease, insects and weeds.

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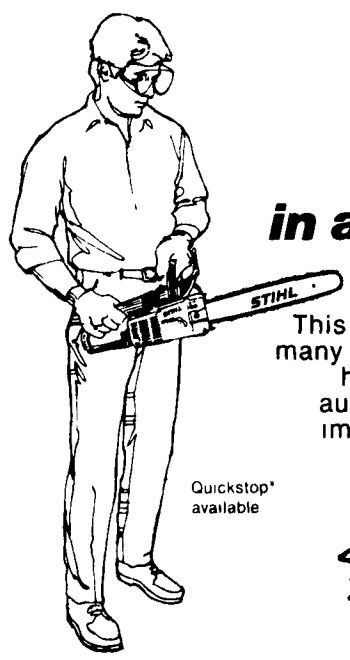

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Herd buyout may cut milk surplus, PSU prof says

UNIVERSITY PARK — The federal proposal to buy out entire dairy farms to reduce American milk production may be part of the new dairy policy and could be an easier way for older and less efficient farmers to bow out of the dairy business, says a Penn State agricultural economist.

But only if the government does not tax all dairy farmers to pay for the whole herd buy-out program, says Jack Kirkland, assistant professor of agricultural economics.

"Another fifty-cent assessment will send some farmers out painfully," says Kirkland. "The federal government should be willing to pay for the program, since it will help to eliminate the huge surpluses the government purchases now," he adds.

(Editor's Note: The Farm Bill signed into law this week includes the whole herd buyout plan and a 40-cent assessment.)

Federal buyers will never stop purchasing dairy products for government programs, but analysts for calling for the surplus milk purchases to be reduced to five billion pounds, he says.

"That means that the government would have to buy out 800,000 cows or 20,000 farms or 10 percent of the dairy farmers in the United States," says Kirkland, coordinator of a statewide program designed to help farmers cope with lower milk prices.

Under the proposal, dairy farmers who sell all their cows either for slaughter or to overseas markets will also receive a compensation from the U.S. Department of Agriculture.

The compensation will be in the form of a bid placed by the farmers on an established milk production base. "It will probably take a farmer's bid of $2 to $5 per hundred-weight for the U.S. Department of Agriculture to accept a farmer's participation in the program," Kirkland says.

"The cows have to be taken out of American production," says Kirkland. "Most will become hamburger, but the best would likely go overseas."

"If the federal government does not do it, milk prices will drop another $1.15 per hundred-weight," Kirkland says, another price reduction that many dairymen would not be able to withstand anyway. With the average milk price farmers received in November 1985 at $12.18, there isn't much more for price reduction, the Penn State economist says.

American dairying has become so efficient that the only way to stabilize dairy farming is by reducing the number of producers, Kirkland explains.

The government cannot reduce the price of milk alone to encourage farmers to drop out of dairying, Kirkland says. In fact, he says, that hope, already tried, backfired.

"Since 1983, the price per hundred-weight dropped $1.20. That didn't reduce production, as economic theory would suggest. It raised it as farmers compensated for the lower price by producing more."

And the effects of a federally organized year-and-a-half diversion lasted only as long as the program, he says. Once the voluntary milk production cut ended in April 1985, any reduction faded into agricultural history.

With a bad crop year in 1983, leading to high-priced feed in 1984, farmers took advantage of the diversion, he said. "In 1984 the federal government bought only half of what it did in 1983," he says.

However, the farmers who waited out the diversion were readying heifer calves for eventual dairy production once the diversion was declared over, he says.

"So now, with a new increase in cows and milk and a good crop year in 1984, meaning abundant and relatively inexpensive feed, 143 billion pounds of milk will be produced in 1985. There is a 13 billion pound surplus, which has to be bought up by the government," he says.

These short-term programs put farmers on a treadmill that "forces them to run just to stay even," Kirkland says. "But a program like the whole herd buy-out will have lasting effects because a farmer does not have to give up farming."

He simply has to stop dairying, Kirkland says. But that leaves another question unsolved. "Does the federal government then have an obligation to retrain these farmers who are strictly dairymen? Or will they just be left on their own to survive and die?," Kirkland asks.

Despite the few unanswered questions Kirkland has about this latest federal plan to lower American milk production, he says he remains in favor of the concept.

The buy-out won't just eat up small farms, he says. "There are some large, corporate farms that don't run as efficiently as they could, so the buy-out would see all sizes of farms."

"No," he says, "the family farm will survive."

Financing devices to save energy

SHIPPENSBURG — The Pennsylvania Energy Center for Region VI at Shippensburg University is sponsoring an Innovative Energy Conservation Financing Workshop, January 9-10, 1986, at the Holiday Inn in Grantville, PA. The workshop is also being co-sponsored by the Governor's Energy Council, the PA Society of Professional Engineers, General Public Utilities Corporation, Columbia Gas, Adams Electric Cooperative Inc., U.G.I. Corporation - The Gas Division, and the National Association of Energy Service Companies.

The seminar, which is designed for business, non-profit organizations, and federal, state, and local government, will provide an introduction to the concepts and availability of shared savings or third party financing alternatives and their application to energy efficieny projects. Managers, consultants, and engineers would benefit from this workshop.

The fee for the 1½ day program is $60.00 and includes instruction, handouts, breaks, and luncheon (January 9). For information and registration, contact the PA Energy Center for Region VI, 201 Gilbert Hall, Shippensburg University, Shippensburg, PA 17257, or phone toll-free 800-692-7312. This program is subsidized by funds provided by the Governor's Energy Council, the U.S. Department of Energy, and Shippensburg University.

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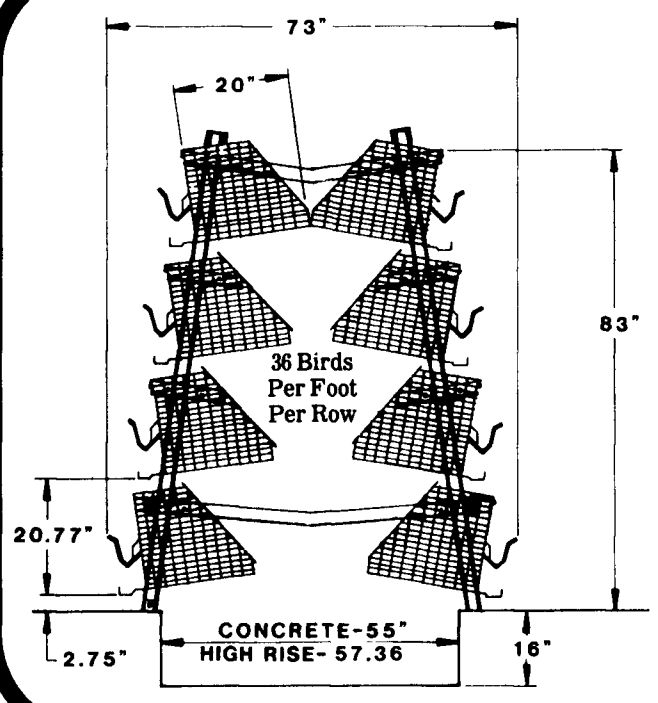

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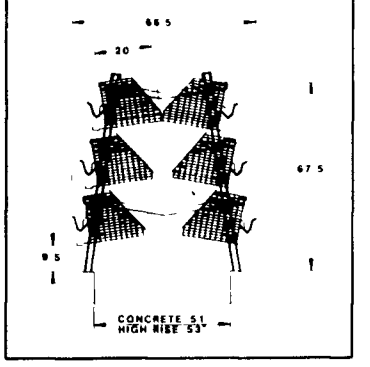

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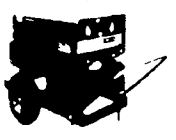

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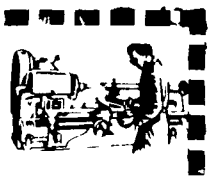

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Dairy Industry Foundation names trustees

ROSEMONT, Ill. — Dairy Industry Foundation chairman Glenn H. Lake named J.L. "Verne" Alm of Safeway Stores. Walnut Creek, CA, and Frank C. Schell, Jr. of Babson Bros. Co., Oak Brook, IL, as new trutees of DIF at a program held recently at the Chicago O'Hare Marriott.

The announcement was made during the program, entitled "Time To End Hunger," designed to inform United Dairy Industry Association board members, senior management, and vice presidents of DIF developments and to initiate concentrated solicitation efforts from members of the dairy industry.

Verne Alm, a graduate of Iowa State University, Ames, Iowa, is a former dairy division manager and vice president of Safeway Stores, Inc. He has served on the board of directors of UDIA and Dairy Council of California and held membership in the California Dairy Institute, Milk Industry Foundation, International Association of Ice Cream Manufacturers, and National Cheese Institute. The new trustee resides in Orinda, CA.

Frank C. Schell, Jr. has served the dairy industry as a member of the UDIA board of directors since 1978, as a member of the UDIA Executive Committee, and as a treasurer of National Dairy Council. A magna cum laude graduate of New York University, Schell is vice chairman of the board of directors of Babson Bros. Co., where he also has held the positions of president and chief executive officer. A Northbrook, IL resident, he is also a member of the board of directors of the Chicago Horticultural Society.

The DIF Board of Directors authorized Lake at its November meeting to increase the number of trustees to allow for greater representation from all parts of the country.

Also part of the program was a speech delivered by Reverend Lowell Brown, director of public appeals for Church World Service/CROP, one of the agencies selected to receive foundation funding. The director began his address citing an agriculture paradox.

"Farmers are going out of business for producing too much food while people are going hungry," said Brown. He stressed the need to supply emergency food and the crucial necessity to foster development in Third World countries.

DIF Chairman Lake publicly acknowledge the financial support and contributions of service donated by D'Arcy Masius Benton & Bowels (ad development and placement), Howe & Hutton (legal assistance), and Owen Communications (audiovisual expertise).

More than 50 dairy industry leaders demonstrated their support of DIF purposes and goals by their attendance at the program and by personal financial contributions which were presented by UDIA Chairman James P. "Tom" Camerlo to DIF Treasurer Norman P. Harvey.

DIF is a charitable relief organization created by dairy farmer leaders and involving all members of the dairy industry. Through soliciting tax-deductible contributions, DIF aims to share the dairy industry's bounty with the world's hungry people.

Vegetable "boom" has bypassed traditional crops

ITHACA, NY — The outlook for vegetable growers is bright for those who are willing to adapt their production and marketing to shifting consumer tastes, according to a Cornell University economist.

"The outlook is positive for vegetable growers who are market-oriented," says R. Brian How, a professor of agricultural economics at the New York State College of Agriculture and Life Sciences at Cornell.

Speaking at the annual Agribusiness Outlook Conference at Cornell recently, How said that many vegetable growers have not reaped the benefits of the increased demand for vegetables over the past decade.

Those growers who have been left behind are growing "traditional" vegetables, such as yellow globe onions, carrots, and round white potatoes.

Although the total spectrum of produce is in more demand, the significant areas of market growth have been in "specialty" vegetables, such as herbs, greens, and many ethnic vegetables such as snow peas and Chinese cabbage.

"There has been a tremendous upsurge in the demand for fresh vegetables and fruits over the past 10 years," How noted. "However, the traditional products have not been the ones that have enjoyed the bulk of the increased demand."

For example, round white potatoes, which are commonly grown in northeastern states, such as New York, Pennsylvania, and Maine, aren't as much in demand as are the russet varieties grown in many western states.

As a result, more and more eastern fields are being planted with the russet potato, How said. For example, Maine increased its russet potato acreage by 15 percent in 1985, while its acreage of round white potatoes went up only 6 percent.

One product that has enjoyed a phenomenal growth in demand is broccoli. Shifting tastes, plus publicity about broccoli's nutritional attributes, have increased the market drastically.

For example, the U.S. production of broccoli is nine times greater than it was in 1969. In response to that demand, many farmers have switched to growing broccoli.

"Output of that crop, however, is approaching the market saturation point," How pointed out.

How noted that more and more farmers are paying attention to the shifting produce markets — and they are trying to tailor their produce to suit those new tastes.

"Herbes are getting a lot of attention these days, as are leafy greens, different types of tomatoes, peppers and squash," he said. "The whole produce market is becoming more selective."

Brucellosis comment

WASHINGTON — The U.S. Department of Agriculture has reopened the comment period for its proposal to change regulations to prevent the interstate spread of brucellosis.

"We have added 30 days to the comment period to allow industry representatives and other interested people additional time to prepare comments on the proposal," said Bert Hawkins, administrator of USDA's Animal and Plant Health Inspection Service.

The proposal is for a general reorganization of certain rules that would improve consistancy and ease of reference of federal brucellosis regulations. It also would require vaccination of certain cattle moving into or out of states with moderate or high levels of brucellosis infection.

Many of these and other changes in the regulations were recommended to USDA by the U.S. Animal Health Association, whose members represent major segments of the livestock industry as well as state and federal animal health agencies.

Written comments on the proposal may be submitted on or before Dec. 26 to Thomas O. Gessel, Regulatory Coordination Staff, Animal and Plant Health Inspection Service, USDA, Room 728, Federal Building, Hyattsville, Md. 20782.

Will ex-dairymen find profit in livestock?

ITHACA, NY — As the dairy industry in New York State undergoes a steady decline, alternative uses of land and other resources becoming available from reduced dairy operations are becoming increasingly important, says a Cornell University scientist.

Speaking at the annual Agribusiness Outlook Conference at Cornell recently, Danny G. Fox, a beef specialist in the New York State College of Agriculture and Life Sciences at Cornell, said that boosting beef cattle, sheep, and swine production is a logical alternative because much of the land used for dairying is suited for grain and forage production.

The use of these resources for meat animals would add more than $300 million annually to New York's agricultural income, resulting in a net benefit to rural communities of an estimated $1 billion, he said.

Pointing to past and projected changes in dairying, Fox said that the number of dairy cows in New York has declined by 300,000 over the past 25 years, along with the number of dairy farms by more than 25,000.

"This trend is expected to continue, with another decline of up to 25 percent of dairy farms anticipated over the next decade," Fox predicted. "As a result, more than three million acres of land and an unaccounted number of farmsteads have been or will become idle."

The development of alternative uses for these resources to boost other segments of the livestock industry, such as beef, swine, and sheep, would be of great benefit, Fox stressed.

Taking note of the continued reliance in the Northeast on meat animals produced in the Midwest, the Cornell scientist said, "Our present meat animal numbers are too small and widely scattered" to meet the demand in this part of the country.

Steps needed to take advantages of the strong Northeast market, he suggested, are to "increase our marketing power with existing supplies," which in turn will stimulate increased production, and to produce at or below the cost of production in competing regions, primarily the Midwest.

Discussing the outlook for the nation's beef industry in 1986, Cornell's Fox predicted that the production cost should drop moderately because of record supplies of feed grain, while beef prices should strengthen because the nation now has a smaller beef herd.

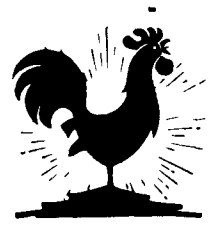
"Prices for cull cows in the Northeast," he said, "should be equivalent to or slightly higher than those of animals produced in the Midwest because numerous meat packers in the Northeast compete for the available supply.

As for hogs and sheep, Fox said that raising swine continues to be one of the most profitable activities for both full- and part-time farmers in New York State.

"The trend in New York will be toward more small swine farms producing more pork to be sold to New York consumers," he said.

Fox said that national lamb prices have enjoyed "the longest and highest sustained level in history for the past year and a half."

Regionally, the Northeast has an excellent opportunity for increased lamb production, especially if prices continue to remain reasonably strong, he said.



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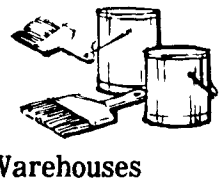

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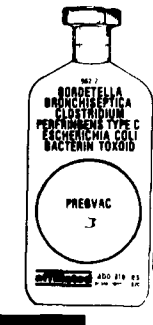

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Grain producers allowed to extend loans one year

WASHINGTON — Producers with maturing grain loans under the Special Producer Storage Loan Program will be given the opportunity to extend their loans for one year, Secretary of Agriculture John R. Block said.

"The option to extend their loans will permit producers to continue to maintain control of their grain and give them more time to decide whether they prefer to repay the loan of forfeit the grain to the Commodity Credit Corporation," Block said.

"Advance storage payments at the same rate applicable to the farmer-owned grain reserve program will continue to be made on the extended loans," he said. "Interest will be charged at the rate in effect on the maturing loans."

The Special Producer Storage Loan Program was announced by the U.S. Department of Agriculture March 27, authorizing producers with matured farmer-owned grain reserve loans to repledge the collateral under that program.

Producers will continue to have the option of repaying the loans or forfeiting their grain to CCC when the Special Producer Storage Loans mature, Block said.

Block said producers may repay extended loans any time during the loan period without penalty.

USDA extends comment

WASHINGTON — The U.S. Department of Agriculture is extending until Jan. 24, 1986, the comment period on its proposal to allow certain meat and poultry processors to label without further approval products for which USDA has established content requirements.

The proposal would allow plants that have operated under a USDA-approved total quality control (TQC) system for at least one year to put labels on products with a set standard of composition without additional approval.

Under TQC, meat and poultry plants use a USDA-approved quality control system to produce wholesome and accurately labeled products. USDA must approve a plant's preparation methods and testing procedures before the plant can begin production.

"Plants that want to participate in the voluntary labeling program would have to submit a plan for USDA approval to ensure that the plant has control over the labeling system and that no misbranded products would enter commerce," said Donald L. Houston, administrator of USDA's Food Safety and Inspection Service.

Notice of the 60-day extension was published in the Federal Register. The original proposal was published in the Sept. 16 Federal Register. Comments on the proposal may be sent by Jan. 24 to: U.S. Department of Agriculture, Food Safety and Inspection Service, Regulations Office, Attn: Annie Johnson, Hearing Clerk, Room 3803-S, Washington, D.C. 20250.

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The staff at Farmer Boy Ag wish you health, happiness and prosperity, and we continue to pray for peace.

Sincerely,
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Up to a million cows to be cut in whole-herd buyout?

ITHACA, NY – Up to one million dairy cows will be moved from milking parlors to meat lockers as part of a federal plan to bring U.S. milk supplies in line with consumer demand, a Cornell Univerity economist predicts.

Congress passed legislation Dec. 18, 1985 authorizing the federal government to pay farmers to slaughter their dairy herds for beef in an effort to reduce the nation's milk surplus. The measure, which also calls for reductions in federal dairy price supports was included in the 1985 farm bill. Legislators have named the buy-out measure "Milk Production Termination Program." It goes into effect April 1, 1986.

Andrew M. Novakovic, an associate professor of agricultural economics in the New York State College of Agriculture and Life Sciences at Cornell, is confident that the measure will reduce milk production. While it remains to be seen exactly how much milk will be removed from the market, the buy-out provision could eliminate seven to 10 percent of the nation's 11-million cow dairy herd.

Pressure to cut the federal budget has legislators looking for ways to reduce the cost of federal programs. Novakovic says that if the buy-out legislation is effective, the government could save $1 billion annually in the costs of buying and storing dairy surplus. The herd buy-out will be partially financed by an assessment on all dairy farmers.

Farmers participating in the buy-out would agree not to produce milk for at least three years after slaughtering their dairy herds. The farmers will receive money for selling their cows for beef, and the government will make payments to farmers who cease producing milk. Payments will be based on bids offered by farmers participating in the buy-out.

Novakovic estimates that between 900,000 and 1 million cows will have to be slaughtered for the program to have the desired effect on milk supplies.

"Unless dairy surpluses are reduced, continued overproduction could lead to drastic price cuts and a subsequent economic disaster for the dairy industry," Novakovic says.

It is predicted that the dairy buy-out plan could reduce the dairy surplus by the equivalent of 12 billion pounds of milk.

"There's just too much milk right now," Novakovic says. "There's just no way the market can support milk prices with that supply problem. It's like standing on a weak floor that's full of holes; there's no place to go but down."

Prices of milk and dairy products in the U.S. are greatly influenced by the support levels set by the government. As part of its price support system, the government sets a market price for milk, and then buys surplus milk in the form of butter, dry milk, and cheese.

Novakovic believes price support levels are the major culprit behind the surplus problem.

"The reason for this large dairy surplus is that high government price supports have spurred production," he says.

Dairy production has also been encouraged by other factors, such as low feed costs and stable farm machinery prices.

Under the farm bill, milk support would be frozen at $11.60 per hundredweight in 1986, and then reduced to $11.35 on Jan. 1, 1987 and to $11.00 on Oct. 1, 1987. If high levels of government surplus purchases continue, support prices can be reduced by another 50 cents per hundredweight annually.

Novakovic cautions that the buy-out plan will not have immediate, sweeping results.

"The nation's milk production in 1986 won't drop much, if at all," he says.

Novakovic predicts that the 1985 milk output will total 143 billion pounds; the output in 1986 will drop to only 142 billion pounds.

"Once that program gets into full swing, however, it will take a large chunk out of dairy production and significantly reduce the amount of surplus that the government buys," Novakovic says.

The dairy buy-out program follows on the heels of the 15-month federal "Milk Diversion Program," which ended on April 1, 1985. The milk diversion program was another attemt to reduce the milk surplus. Under that program, farmers were paid not to produce milk, but they were not permitted to eliminate their herds.

The diversion program reduced milk supplies, but after the program expired milk production increased by 8 percent because many farmers who were on the diversion program went right back to producing more milk to make up for the income lost after the program was terminated, Novakovic says.

It is widely hoped that the buy-out program will have a long-lasting effect, because many marginally profitable dairy operations will go out of business after eliminating their herds and receiving their money from the government, Novakovic says.

However, the buy-out program might not be enough to keep the surplus down permanently, unless other factors that encourage milk production are eliminated, Novakovic says.

"In order for this to work, milk, feed, and other farm prices will have to be aligned so as not to encourage the building of a new surplus when the buy-out program expires," he says.

Look to farm groups for help, NFU says

DENVER – Farmers and other troubled members of the rural community must resist the temptation to either turn inward or to express their feelings through violence, and instead utilize existing support groups. Farm organizations, civic groups and church congregations are active in every community to provide a healthy outlet for feelings of frustration and despair and to provide positive activity for improving the future.

"There is a great need for farmers to alleviate some of the great strain that is placed on them because of the crisis and economic situation. We feel the best way to work out that stress is by working together with others in the community," National Farmers Union President Cy Carpenter said. "Whether it's becoming more active in your church, with a farm organization, or with community activities, there is a real need and a real benefit from working together in a spirit of cooperation and neighborliness, which in turn benefits everybody."

The suicides and other violence that rocked the Midwest last week have been repeated many times in recent months, both through death and violence and through other, quieter and often family violence. It need not happen.

"I strongly urge farmers to join and be active in the organization of their choice, particularly the farm organization of their choice, because it will be dealing with their particular areas of concern, their problems, as well as positive direction for the future," the family farm leader said.

In addition, he said NFU will work with other organizations and groups to more actively seek farmer participation and involvement as an outlet for frustration and other feelings.

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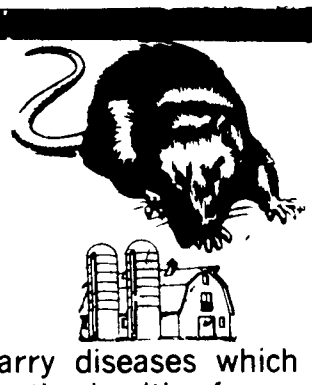

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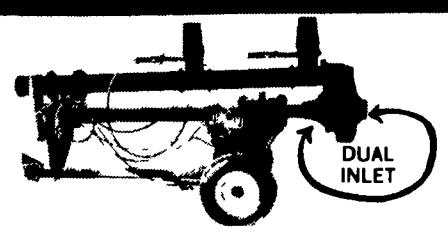

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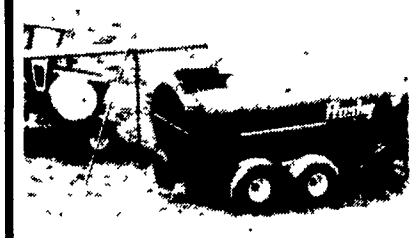

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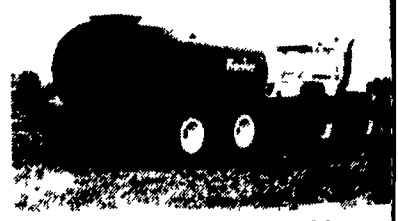

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Grange slates meetings

HARRISBURG — During January 6-8, the State Grange Master Charles Wismer has scheduled six meetings in eastern Pennsylvania to explain and answer questions concerning new and existing Grange services that can save you money in 1986.

Representatives will be present at each meeting to discuss the different services. Warren Harnish from the PA Grange Insurance Agency will explain the various lines of insurance they offer, including the Medicare Supplement. James Arndt of the Grange Accounting and Tax Service will describe this new service. Ron Shaffer will represent the Rohrer Seed Program. Elsie Springer will explain various savings plans, loan programs, and the VISA card program offered through the PA Grange Credit Union. Milton Hoffman of Muncy Chief Seeds will discuss the bale twine, seed corn and oats program for 1986.

The new Grange Prescription Drug Program, which could save you 20-40% on prescription bills, will be explained by Master Wismer.

All Grange members are encouraged to attend the meetings nearest them. The meetings, which are also open to the public, are scheduled as follows:

DATE	TIME	COUNTY	LOCATION
January 6	1:00 p.m.	Lancaster	Leaman Place Paradise Fire Co. Paradise, PA (along Rt. 30)
January 6	7:30 p.m.	Berks	Ontelaunee Grange Hall Leesport, PA
January 7	1:00 p.m.	Susquehanna	Green Gables Inn New Milford, PA
January 7	8:00 p.m.	Bradford	Union Grange Hall West Burlington, PA
January 8	11:00 a.m.	Clinton	Fallon Hotel, 131 E. Water St Lock Haven, PA
January 8	7:30 p.m.	Lycoming	Eagle Grange Hall Rt 15, 8 miles S of Williamsport

How to work your way out of debt,

NEWARK, DE — Extra expenses over the holidays can quickly add up. "Even if your income is greater than ever, this spending may put you dangerously close to the debt borderline or even across it," says Roxane Whittaker, University of Delaware extension home economist.

Whittaker offers the following list of warning signs that your financial health needs doctoring.

* You think of credit, as cash, not debt.
* You're always behind in payments and receive notices that you're delinquent.
* You've taken out loans to pay old bills, which extends payment time and interest.
* You dip into savings and don't repay yourself.
* As soon as you pay off large loan balances, you run up similar debts.
* You're never out of debt to local stores and consistently pay only the minimum due.
* You delay payments for essentials such as utilities and health care to pay your credit card bills, or you take cash advances on credit cards to pay regular monthly bills.
* An ever increasing share of your net income goes to pay your debts.
* The monthly total due on installments, credit cards and other non-mortgage loans is consistently greater than 20 percent of your after-tax income.

"If these situations apply, you may be headed for financial trouble," says Whittaker. "Examine your budget and look for ways to control spending. Working your way out of the debt trap won't be easy, but it can be done."

Reducing debt requires commitment from each member of the family involved in buying decisions, the home economist says. "Without everyone's cooperation, reducing debt is nearly impossible. Agree upon spending priorities for the upcoming months, try to cut expenses and if possible raise some extra income."

Whittaker suggests operating on a cash basis for current expenses while paying off debts in regular installments. "Don't take on new debts," she advises. "Put aside your credit cards or even cut them up if you have to."

Whittaker reminds families to take stock of their progress. "A conference on payday is a good way to review what you've achieved," she says. "Your rewards will be a feeling of more security, less worry about payments and a future in which you control your money."

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Plight of farm family is unique, Cornell prof says

ITHACA, NY – Farm families facing difficult economic times experience some of the same problems as other economically stressed families, yet their plight is unique in many ways.

"The career of a farmer is intimately interwined with his or her family life, self-esteem, and identity," said Harold Capener, professor of rural sociology at the Cornell Cooperative Extension Economic Training School at Cornell University, recently.

Unlike farmers, employed workers who are laid off usually are protected by severance pay and unemployment insurance, and their homes are rarely involved in bankruptcy proceedings.

"All the assets of a farmer, however, are at risk when the farm is threatened, including the home. A farmer's ego and feelings of self-worth are also threatened," pointed out Capener, who participated in 28 interviews with farm families in economic trouble over the past year.

"When a factory worker is laid off, for example, he or she usually does not feel the blame personally or feel guilty about the children's thwarted aspirations. In farm families the plans and aspirations of the children who had planned to go into the family farm are crushed when the farm goes under," Capener said.

The result: feelings of guilt and failure that often lead to depression, high levels of substance abuse, suicide, and child abuse and neglect among farmers who are confronting liquidation and/or bankruptcy.

Farmers have been leaving the field by the thousands in New York State since 1960, so why is the exit from farming in the 1980's any different?

"Many of those who left farming in the past had small operations with low proportions of income derived from the farm; they often were older, and did not have secondary educations," pointed out Capener, who teaches in the New York State College of Agriculture and Life Sciences at Cornell.

Also, many families that left farming in past years sold off the farm but kept their homes, Capener said.

"Unfortunately, many at risk in the 1980's are young, aggressive full-time farm managers who use their family members to work the farm and have 50 to 90 cows," Capener said.

Who exactly is "at risk"?

"Any family that is facing survival decisions," said John Brake, profesor of agricultural finance in Cornell's Department of Agricultural Economics. Brake also spoke to the Cornell Cooperative Extension agents at the school. Co-chairman of the Cornell Task Force on Farm Families Facing Economic Stress, Brake said, "Although many farmers don't realize it, their options are at all levels, from changing their values, attitudes, objectives, and goals to whether or not to leave farmng, and how and when."

One of the most important options to act on when a farmer feels that his farm is in jeopardy is to examine his values. Is the family or the farm the most important factor? How important is being self-employed versus being employed by another? Is rural living all important? If farming is critical to the farmer, then it may be possible to leave farming for a while to build more equity and then get back in later.

"Fear, grieving, and stress are very real emotions that farmers will undoubtedly experience," Brake said. "These can be reduced, however, by understanding and working through the grieving process, learning about alternatives, and making choices."

Brake, among others, spoke to the group of Cooperative Extension agents concerning the multitude of services and agencies available to aid the farm family. He pointed out that at-risk farmers should select carefully when they obtain legal help. They may need to pursue help from out-of-town lawyers, since in-town lawyers often have conflicts of interest with local banks and creditors.

Facing an economic crisis in farming, as in any small business, can be an extremely trying time in one's life, Brake stressed. Yet, there are resources available such as stress counseling, job retraining, help with medical and living expenses, and advice on working with lenders.

"Farmers at risk should make active plans and decisions with all the help available to them," Brake said. "There are choices, and families that have made them have reported much higher levels of optimism and quality of life once the changes have been made."

NFU calls for new farm bill

DENVER – Saying the 1985 Farm Bill is totally inadequate and is designed to reduce farm income, members of the National Farmers Union Executive Committee said a new chapter in farm legislation must be written immediately after Congress returns for 1986.

At their regular meeting here, the family farm spokesmen said the new legislation must tackle the twin and inseparable problems of farm income and farm credit.

The NFU leaders said they would mount an immediate effort with rural businesses, farm organizations, consumer groups, churches and members of organized labor to return equity to rural America, complete with jobs supported by farm dollars, fair food prices at the farm gate and the supermarket, and a continuing supply of abundant, quality food.

Another goal is to keep farmland in the hands of private owners who will farm it themselves.

The new legislation must provide for adequate income, something completely left out of the 1985 Farm Bill on its way to President Reagan's desk.

Farm income is the answer to many of the toughest questions facing Congress and American citizens, they said, including the need for assistance to the cooperative Farm Credit System, and the repayment of delinquent loans to USDA's Farmers Home Administration. Without adequate income, these loans cannot be repaid and investors will be forced to take an even bigger loss, they said.

The 1985 Farm Bill has been signed by President Reagan at a time when nearly 80,000 farmers nationwide are expecting notices from FmHA informing them they are at least $100 delinquent on their farm operating and ownership loans, and asking the farmer to designate a loan servicing alternative. Additionally, hundreds of thousands of other farmers face similar credit crises from other lenders.

"Farm income is the only alternative that will solve these problems for the long haul," the NFU officials said.

"There is desperate need across rural America and now seeping into the cities for more employment supported by farm dollars, repayment to credit investors, and for retaining private farmer-ownership of America's land," they said. "The option for farmers to own their own land will be closed unless Congress acts swiftly."

Members of NFU's Executive Committee are Harold Dodd, chairman, Illinois; Leland Mulder, vice chairman, Wisconsin; Willis Eken, Minnesota; Jack Kelsey, Oklahoma; Leland Swenson, South Dakota; Milton Thomas, Arkansas; Harold Wright, Indiana; NFU President Cy Carpenter; and NFU Vice President Stanley M. Moore, North Dakota.

Grain marketing course slated

NEWARK, DE – The Delaware Cooperative Extension Service will offer a grain marketing futures short course, Tuesday evenings, January 7, 14, 21 and 28, from 7 p.m. to 9 p.m. Sessions will be held at the ASCS office on the southbound side of Route 13 just south of Camden.

The course is designed to teach farmers how to use futures prices in making grain sales decisions and how to use hedging and options as marketing alternatives.

The instructor will be University of Delaware extension crops marketing specialist Carl German. Assisting him will be Dr. Ulrich C. Toensmeyer, professor of agricultural marketing at the university, and Jim Rohrbaugh, an account executive and registered commodities specialist with Merrill Lynch.

Registration will be limited to 20 people. Fee for the course will be $10 per person. Deadline for registration is December 31. For further information call German at 451-2511.

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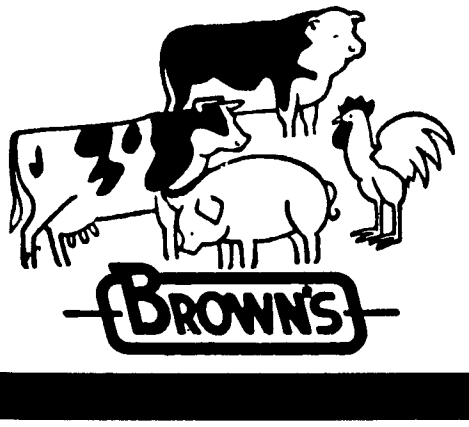

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Courter wins fourth straight Clinton DHIA award

LOCK HAVEN — For the fourth year in a row, Paul L. Courter, RD #2, Mill Hall has won the Clinton County Dairy Herd Improvement Association Award for the highest herd in the county.

His 89 registered Holsteins averaged 18199 pounds of milk and 696 pounds of butterfat in the past testing year. The award was presented at the 46th Annual Meeting held recently at the Nittany Grange Hall.

Other herds averaging over 600 pounds of butterfat were: Richard L. Schenck, RD #2, Mill Hall - 17788 - 675; Tom and Grace Nicholas, RD #2, Loganton - 16765 - 660; Anthony and Caroline Graine, RD #1, Mill Hall - 18687 - 647; Terry and Deb Dickey, RD #1, Mill Hall - 17113 - 622; Samuel S. King, RD #1, Mill Hall - 16918 - 604; and Ronald H. Meyer, RD #2, Loganton - 16363 - 601.

All herds over 600 pounds of butterfat received awards at the meeting.

The award for most improvement in milk production during the past year was won by James C. Muthler, RD $2, Howard whose herd averaged 16296M and 557 fat which was an increase of 1397 pounds of milk.

Richard L. Schenck, RD #2, Mill Hall and Harold D. Moore, RD #3, Mill Hall were tied for most improvement in butterfat production with an increase of 31 pounds each.

An award for the cow producing the most butterfat during the year in 305 days was won by Paul Dotterer, RD #2, Mill Hall. The 4 year old Holstein produced 24640 pounds of milk and 1118 pounds of butterfat. The highest milk producing cow was Alberta owned by Anthony and Caroline Graine, RD #1, Mill Hall. She produced 25559 pounds of milk and 897 pounds of butterfat.

Other top cows were: Del - owned by Tom and Grace Nicholas - 22161 M - 967 F; Jaclyn - owned by Richard L. Schenck - 22785 M - 952 F; Deb - owned by J. Dale Peters, RD #1, Beech Creek 20643M - 951F; Barb - owned by J. Henry Stoltzfus, RD #1, Mill Hall - 18885M - 946F; Pat - owned by Paul L. Courter, 22489M - 938F; and Best - owned by Terry & Deb Dickey - 22320M - 918F.

During the 1984-85 test year, 97 cows completed lifetime production records of a minimum of 100,000 pounds of milk or 4,000 pounds of butterfat.

The top five cows in Lifetime Production are: Lucky - owned by Paul Courter - 197015 M - 8015 F; Pansy 2 - owned by Paul Courter - 202594 M - 7500 F; #113 - owned by J. Dale Peters - 165615 M - 643F; Verna - owned by Philip Hammer - 183760 M - 6412 F; and Irene - owned by Richard L. Schenck - 169663 M - 6284 F.

DHIA Supervisors for Clinton County are: Missie Peters, RD #1, Beech Creek; Tom Fox, Mackeyville and Ron Rishel, Rebersburg.

Directors of the Clinton County DHIA are: G. Edward Hayes, RD #1, Mill Hall - President; Paul L. Courter, RD #2, Mill Hall - Vice President; Robert Billman, RD #1, Beech Creek - Secretary; James Muthler, RD #2, Howard; and Keith Stein, RD #3, Mill Hall.

Free stall housing seminar slated during Farm Show

UNIVERSITY PARK — An international symposium on dairy free stall housing systems will be held at the Sheraton Harrisburg East in Harrisburg, Wednesday and Thursday, Jan. 15 and 16, during Farm Show week.

Farmers, engineers, veterinarians and herd management specialists from the U.S., Canada and France, will present sessions on the history, practice and future of free stall housing. All who would like to know more about designing, building, or managing dairy free stall housing are invited to attend.

Farmers first discovered the advantages of free stalls in the early 1960's. Since then, farmers, engineers, herd managers and design specialists have introduced substantial modifications. The two-day symposium features 26 presentations including reports from farmers in Pennsylvania, New York, Ohio and Virginia, who have had many years experience with free stall housing for dairy cattle.

Michel Tillie, an internationally known agricultural engineer from France, will speak on European designs of free stall housing. James Jarrett, a veterinarian from Georgia, who is known nationally for his writings on the subject, will speak on free stalls and herd health. Robert G. Light, associate director of the Cooperative Extension Service at the University of Massachusetts and one of the original designers of free stall housing, will discuss the development of free stall use in the Northeast.

Other presentations include adaptations of free stall housing use in Canada, and on the West Coast; design modifications for feeding systems, environmental controls and traffic patterns; and current research for future dairy free stall housing design.

Proceedings will be available at the symposium, which is sponsored by the Northeast Regional Agricultural Engineering Service (NRAES), the Northeast Dairy Practices Council, the American Dairy Science Association and the American Society of Agricultural Engineers. There is a registration fee to cover symposium costs.

For information about registration and reservations, contact your Penn State County Cooperative Extension Service Office; Robert E. Graves, The Pennsylvania State University, 204 Agricultural Engineering Building, University Park, PA 16802, or Paula Solat, NRAES, Riley Robb Hall, Ithaca, New York, 14853.

USDA okays meat flavor enhancer

WASHINGTON — Effective Feb. 10, the U.S. Department of Agriculture will permit processors to use monoammonium glutamate as an alternative flavor enhancer in various meat and poultry products.

"Monoammonium glutamate is classified as a multiple-purpose food substance that is generally recognized as safe by the Food and Drug Administration," said David L. Houston, administrator of USDA's Food Safety and Inspection Service. "We've reviewed analytical data indicating that monoammonium glutamate can be safely used as a flavor enhancer in meat and poultry products."

Monoammonium glutamate has the same effect as monosodium glutamate in food but does not contain sodium, explained Houston.

The final rule was developed in response to a petition by the Henkel Corporation, of Minneapolis, Minn., a marketer of monoammonium glutamate.

Individuals interested in submitting data concerning the rule may do so before the effective date. Send comments to: U.S. Department of Agriculture, Food Safety and Inspection Service, Regulations Office, Attn: Annie Johnson, Room 3803-S, Washington, D C 20250

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Ag Day set for March 20

WASHINGTON – The United States Senate has approved a joint resolution that authorizes the proclamation of National Agriculture Day 1986 on March 20, the first day of spring, as an official national observance.

The Senate's action Dec. 13, following House approval the previous week, sent the resolution to President Reagan for signature. The presidential proclamation it requests generally is not issued until closer to the observance.

Agriculture Day, initiated in 1973 by several agricultural publications, organizations and companies, was first made on offical observance in 1981. Such a designation, requiring cosponsorship of the resolution by a majority of House members and at least one-quarter of the Senate before floor action, must be renewed each year.

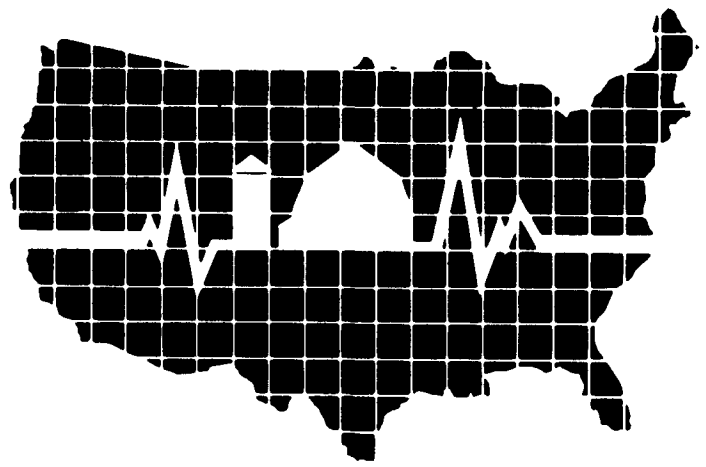
"We thank the leaders of the agriculture committees, and their diligent staffs, for spearheading the support for this resolution and guiding it to final passage before this year's adjournment," said Norflect L. Sugg, executive director of the North Carolina Peanut Growers Association and the chairman of the board of the Agriculture Council of America (ACA).

The ACA Education Foundation serves as national coordinator of Agriculture Day, which is primarily observed at the city and community level with activities organized by hundreds of producers, other agricultural businesses and students.

The observance's purpose is to set aside a day to increase public understanding of the achievements of the 23 million men and women in modern agriculture – from the miners of iron ore for tractor steel, to producers, on through to retail food or fiber outlets' clerks – who generate more than 20 percent of the United States' gross national product.

Agriculture's economic importance, therefore, is the thrust for the program's longtime slogan ("Agriculture: America's Heartbeat") and the 1986 observance's theme: "The Business of Food and Fiber."

Activities in Washington, D.C., to mark the observance and promotional aspects of the program are made possible through contributions by producer organizations and agricultural companies, including American Cyanamid Co.; Deere and Co.; J I Case Co.; The Upjohn Co.; United Dairy Industry Assn.; E.I. du Pont de Nemours & Co.; Kubota Tractor Corp., U.S.; MSD AGVET Division, Merck & Co., Inc., Pioneer Hi-Bred International, Inc.; DICKEY-john Corp.; Archer Daniels Midland Co.; DEKALB AgResearch Foundation; Elanco Products Co.; Farm Journal; Mobay Chemcial Corp.; National Association of Wheat Growers; National Rural Electric Cooperative Assn.; Pfizer, Inc.; Norden Laboratories; Cargill, Inc., Molasses Department; Conagra, Inc.; Walterscheid, Inc.; American Association of Nurseymen; Hesston Corp.; The Sugar Assn.; Vicon Farm Machinery, Inc.; Bayvet Division, Miles Laboratories; Grinnell Mutual Reinsurance Co.; Furst-McNess Co.; GROWMARK, Inc.; Hudson Products, Inc.; Jack Daniel Distillery; Jacques Seed Co.; Kansas Association of Wheat Growers; National Agricultural Chemicals Assn.; National Cooperative Business Assn.; National Council of Farmer Cooperatives; Speery-New Holland; Tennessee Farmer Magazine; The Rice Millers Assn.; White Farm Equipment Co.; American Heochst Corp.; Corn Refiners Assn.; Gray and Co.; The Andersons; United States Wheat Associates, and W. Atlee Burpee Co.



Media specialist booked for Keystone Cornucopia

HARRISBURG – Media Specialist Bernad Yoh will address the 1986 Keystone Cornucopia, which will be held on Monday evening, February 3 at the Hershey Convention Center.

Born and educated in China, Yoh has lived in the United States for more than thirty years. He has lectured extensively throughout the United States and abroad. For many years, he addressed officers at the Air War College on topics of counter-insurgency and psychological warfare. He has served as Communications Director for Accuracy in Media since 1974.

Mr. Yoh's first-hand experience made him keenly aware of the distorted American media coverage of the Chinese revolution and the Vietnam War. He speaks from the perspective of one who has seen at close range the destruction of freedom by the communists in China and Vietnam. He has a keen understanding of the way they manipulated the media to bring this about. He also has a unique appreciation of the United States as a revolutionary country that delivered on what it promised.

The Keystone Cornucpia is an annual banquet sponsored by the Pennsylvania Council of Farm Organizations. Serving only products produced in Pennsylvania, its purpose is to show legislators the variety and diversity of Pennsylvania agriculture. Any farm groups wishing to sponsor a legislator/guest or provide funds for one of the banquet dishes should contact Gail McPherson at (717) 382-4878.

Potato output up 11 percent

HARRISBURG – Pennsylvania's 1985 potato production is estimated at 5,720,000 cwt., an 11 percent increase from the 1984 production, according to the Pennsylvania Crop and Livestock Reporting Service. Acreage harvested is estimated at 22,000 acres, 500 acres above 1984. Average yield of a record high 260 cwt. per acre is 20 cwt. above last year's average yield.

Total stocks of potatoes stored in Pennsylvania on December 1, were 4,025,000 cwt., one percent less than a year ago. Of this amount, 1,070,000 cwt. was stored in processor's facilities. This represents 27 percent of total stocks.

Stocks are defined as the quantity remaining in storage for all purposes and uses, including shrinkage and waste and other losses that occur after the date of each report. Stocks may also include potatoes produced in other states. Sales of fall potatoes for all purposes generally account for about 90 percent of the total fall production. Shrinkage and loss and home use account for the remaining 10 percent.

U.S. fall potato production is estimated at a record high 350 million cwt., up 12 percent from last year and 19 percent above two years ago. Harvested are totaled 1.14 million acres, up four percent from last year and nine percent above 1983. The average yield hit a record high 306 cwt. per acre, up 20 cwt. from last year's level, and 26 cwt. above 1983. December 1 potato stocks totaled an estimated 234 million cwt., for the 15 states in the stocks program, up 16 percent from last year and 22 percent above 1983. Of the total stocks in the 11 objective yield states 76 percent were russets, 21 percent whites and three percent reds.

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Dairy Marketing

Franklin Co. plans dairy day

New technology for boosting production and efficiency, agricultural respiratory hazards and milking systems are topics that will be included at Franklin County Extension Dairy Day on Jan. 7, 1986.

Keynote speaker will be Dr. Charles Stallings, Extension dairy nutritionist from Virginia Tech, Blacksburg, Va. Penn State speakers on the program include Dennis Murphy and Steve Spencer.

Twenty or more agri-business firms that work with dairymen will co-sponsor the educational event by having exhibits and representatives on hand at Kauffman's Community Center. Dairymen are invited to come at 9 a.m. to visit the exhibits. The formal program begins at 9:30 a.m. with adjournment scheduled for 2:45 p.m. Pre-registration is not required.

Charles Stallings

For further information contact the Franklin County Extenstion Office at 717-263-9226.

Ad blitz increases milk usage

HARRISBURG – Pennsylvania dairymen are out to change you drinking habits. Milk drinking habits, that is.

And they just could be getting the job done with their recent multi-million dollar advertising blitz, according to a statewide survey conducted this fall by HBM/Creamer Research of Pittsburgh.

Some 30 percent of the women, for instance, said they were drinking more milk, compared to only 10 percent who reportedly drink less.

In the critical 35-and-under group, with the recent emphasis on calcium and osteoporosis, some 26 percent indicated they are drinking "somewhat more" milk and 34 percent said "a lot more."

Only coffee did better than milk among the steady beverage users. Coffee is an everyday drink for 61 percent; 42 percent make it milk. Tea and juices rang up 37 percent scores, and carbonated soft drinks 26 percent.

The consumer study was commissioned by the Pennsylvania Dairy Promotion Program to find out why consumers drink milk–and when. Board promotion and research activities are financed entirely by state dairy farmers.

"Not a dollar of tax money is involved and that's the way we want it," explains Berks county dairyman Don Duncan, who heads the 20-member dairy board.

A $1.9 million statewide advertising budget has been approved by participating dairy farmers for the coming year. The HBM/Creamer study will be used to determine advertising and promotion themes.

Milk won high marks from both Pennsylvania men and women for such attributes as nourishing, all natural, smooth, fresh tasting, and satisfying–something future ads will continue to stress. But milk easily lost the "thirst" test.

When Pennsylvanians in the study reach for a beverage to quench their thirst, they reported, four pick up a carbonated soft drink for each one that pours a glass of milk. Tea and water were preferred over milk by better then three to one.

"Milk is thought of mainly as a snack or meal accompaniment," the Creamer study suggests.

However, 55% of the men and 59% of the women in the study thought of milk as "thirst quenching." Slightly more men and slightly fewer women found milk "fun loving."

Dairying is a $1.3 billion dollar a year business on Pennsylvania farms. As Berks county dairyman Duncan sees it, "we'll have to plant a few more advertising seeds before we can harvest a bumper crop. That's what advertising and farming are all about."

American Jersey Club eyes research needs

COLUMBUS, OH — What type of research should be sponsored by The American Jersey Cattle Club in the coming years? This was the question Maurice Core, Executive Secretary of the Club and his staff asked a panel of scientists at a recent meeting in Louisville.

Those experts attending the meeting were Dr. John White, VPI, Chairman; Dr. Jack Britt, North Carolina State; Dr. Leonard Bull, University of Vermont; Dr. David Dickson, University of Wisconsin; Rodger Hoyt, Select Sires; George Jung, Dairymen; Dr. Duane Norman, USDA; and Dr. John Wilk, Randleigh Foundation, North Carolina State.

The Jersey organization hopes to fund special research with Jersey cattle but also provide funds on research already completed but not summarized or published. Funds would come from the AJCC Research Foundation and the newly established J.F. Cavanaugh Research Fund.

The scientists agreed that to conduct meaningful research, an institution should have at least forth (40) Jersey cows available. In recent years, the Jersey herd has been expanded at several universities. It is possible other herds could be expanded by putting Jersey embryos into cows of other breeds.

The areas of research to be explored involve genetics, physiology and health, milk marketing, nutrition and management. Institutions with Jersey herds will be invited to submit research projects in these areas.

An early effort will be made to obtain a review of literature of research done with Jerseys in these special areas.

Parties interested in research with Jerseys should write to Eugene P. Barton or Maurice E. Core, P.O. Box 27310, Columbus, OH 43227.

Oxford cow placed on National Guernsey list

COLUMBUS, OH – A national class-leading production record has been completed by Lindenhof GMM Legend Quinetta. This registered Guernsey cow produced 18,070 pounds of milk and 761 pounds of butterfat in 305 days on two-time daily milking at one year, 11 months of age. This placed her 10th in the nation in her age group for milk production.

"Quinetta" was bred by K. D. and Else Linde of Oxford, and is currently owned by Mildred and Axel Linde of Oxford.

Appraised 85 points by an official American Guernsey Cattle Club (AGCC) appraiser, she was sired by Green Manor Mavis Legend ET. Her USDA Cow Index for July 1985 is +1,006 pounds of milk, +40 pounds of butterfat and +$131. Her Modified Contemporary Deviation (MCD), also calculated by USDA, is +8,599 pounds of milk and +310 pounds of butterfat. She is ranked in the breed's 99th percentile for cow index dollar value and has the breed's 33rd-highest Cow Performance Index (CPI).

Quinetta's dam is Lindenhof Deacon Queen, a daughter of Lyrene Wistar Deacon. She has produced lactations up to 21,110 pounds of milk and 1,043 pounds of butterfat in 365 days at four years, nine months of age. Her MCD is +3,025 pounds of milk and +191 pounds of butterfat. She ranks in the breed's 96th percentile for cow index dollar value.

Dairy Bowl teams

STATE COLLEGE – The Pennsylvania Junior Holstein Association is seeking teams to participate in the 1986 Dairy Bowl Contest. The senior division winners will represent Pennsylvania in the National Contest in Milwaukee, at the National Holstein Convention, June 29-July 2.

The first leg of this endeavor is the Dairy Bowl Contest at the State Holstein Convention in Pittsburgh on February 21-22. The contest will begin at 9:30 a.m. on February 21. It will be at the Sheraton Inn, Station Square, Pittsburgh, which is the Convention Headquarters.

There will again be two age divisions. The senior division will include ages 15-21 and the junior division will be up to age 14. There will be prizes awarded to each division.

Entries are due by February 1. Entry forms and more can be obtained by contacting the Pennsylvania Holstein Association, 839 Benner Pike, State College, PA 16801, (814) 234-0364.

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The Dairy Business

By Newton Bair

Sorting it all Out

The crystal ball is still a little cloudy whenever we try to look ahead into 1986. The only thing that can clear away any of that cloud is HOPE. And that always springs eternal in a farmers heart.

We have just about had it with the "Good news, Bad news" type of situation in 1985. First, the government's Diversion Program seemed at first glance to be a tremendous success. Most of those who particpated made out like bandits, banking more cash than they would have by milking cows. Those who didn't participate often wished that they had. The end result was good–a real decline in CCC purchases of surplus, and the dairy producers paid for the program with the so-called 'milk tax.'

But the whole thing fell apart at the conclusion of the program, when the participants who used their heads and planned ahead freshened the heifers they saved up during the program, and began flooding the market with legal milk. Who can blame them? They were just applying good economics to their situation.

A question that is plaguing many dairymen in Pennsylvania is "Why are the local processors and distributors, principally the co-ops, out hunting more milk?" This is happening all over the northeast, where we have millions of consumers eager to buy and consume dairy products. How can there be a surplus of milk when the dairy plants are competing for the available supply? We hear tales of the clandestine shipments of milk between eastern cities, and juggling supplies back and forth between dairies.

I'm not sure what it means, but something tells me that there are fortunes to be made or lost by that kind of insecurity. And the producer seldom shares in the goods. Yet, the CCC is buying up over five billion pounds of milk a month, to stash away in storage.

We all know that under Federal Orders, the whole dairy industry is considered a single unit from California to Connecticut. There must be uniformity in treatment of all dairy producers. But in reality, there is no uniformity between regions where milk is produced. So some regions are unfairly penalized for over-producing, while at the same time a real shortage exists in that region. No answer for this, just stating the facts.

High support prices will not correct overproduction in those areas where it cannot be consumed. Farmers have turned to dairying because it is the only industry that is guarnateed a market and guaranteed a price for its produce.

The only trouble is, that fact has attracted more production than the market can stand in some areas of the country, which has negated the law of supply and demand. Heavy borrowing to get into or expand the business has locked many producers into a can't-win situation, when the support price is lowered. Their plans were often based on ever-higher support prices for milk. The only way to stay in business is to go deeper in debt to produce more unneeded milk. Did I say unneeded?

It is terrible to end the year on a sour note. The eternal optomist is showing his cowardice. But the history of this great country of ours is filled with tales of fortunes made and fortunes lost. Some were the result of circumstances, and no one's greatness or fault. Some were accidents, and some were downright stupid gambles. Anyone who survived, either success ro failure, was the stronger for it and better prepared to go on into the future.

The Great Novel of 1986 is about to be written, and every one of us will be a character in it.

I only hope that everyone of us will be proud of the part we played in the drama, and will look back on 1985 and 1986 as the years of great decisions that helped to stimulate a new HOPE for the future.

Money available for soil programs

HARRISBURG – Dauphin County Farmers who need financial assistance to perform conservation work on their farms may apply for cost-sharing funds under the federally administered Agriculture Conservation Program.

Farmers should enroll with the Dauphin County Agriculture Stabilization and Conservation Service Office (652-8401) before Feb. 15, 1986. This is the time to apply for assistance to do Spring and Summer practices.

Such practices as sod waterways, terraces, diversions, stripcropping, contour farming, fall seedings, animal waste facilities, and winter cover crop are among the practices being cost-shared for 1986.

Practice descriptions and specific cost-share information are available through the ASCS office.

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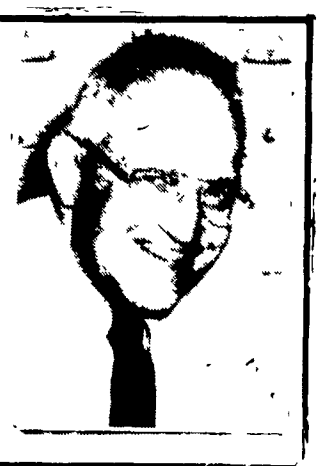

TOM JURCHAK
County Agent

The House and Senate Conference Committee made eleventh hour decisions on the dairy provisions of the five year 1985 farm bill and got their report to Congress for a vote on Wednesday just before they adjourned for their Christmas recess.

Perhaps some won't regard it as a Christmas present for milk producers but the Conference committee did include so many of the provisions in the Dairy Unity Bill of the House that was supported by the dairy cooperatives and the National Milk Producers Federation that it looked a lot like a Christmas tree when it was finished.

At this writing it must pass the vote of the House and the Senate and get the President's signature but no one is betting that all that won't happen this week before Christmas.

Another eleventh hour decision was to bring the tax reform bill back to the House for a vote after the President delivered enough votes to get it reconsidered. This may keep the Congress in session until Thursday but, more importantly, it may have as much effect on your income in the future as the farm bill.

Viewed as a victory for those who supported the Dairy Unity Bill in the House, the conference committee report includes an all herd buy out to be financed by assessments along with very modest cuts in the dairy support price.

The all herd buy out, however, will last for only 18 months instead of 24 starting in April 1986 and ending in September 1987. An assessment of 40 cents a hundred will be made on all milk marketed from April to December in 1986 and then it shall be lowered to 25 cents from January to September in 1987.

Those wishing to participate will submit bids per hundred pounds of milk produced during a base period to be designated by the USDA. Most of the regulations for the all herd buy out will be made by the USDA and were not included in the farm bill. However, it's expected that they will follow those outlined in the House bill and reported here in October.

The present price of $11.60 will not be changed until January 1987 when it will be lowered 25 cents to $11.35 and then again to $11.10 in October 1987 after the end of the assessments for the all herd buy out. Actually, with these 25 cent cuts in the support price and the assessments varying from 40 to 25 cents, the effective support price after April 1986 will hover around $11.20 for the next two years.

Most of the other provisions of the Dairy Unity Bill including Class I differentials; 400 million pounds of red meat purchases; marketwide service payments; export sales of powder; no whey credit in the make allowance for cheese and the use of skim powder for the domestic production of casein are all in the conference committee report.

The biggest single regret was the loss of the economic formula to adjust support prices in the future. What it does include for the so called "out years" after 1987 are the opportunities for supply management programs in 1988 through 1990 and 50 cent cuts in the support price until government purchases are reduced to five billion pounds of milk equivalent. The report isn't specific but it could mean more diversion programs in the future.

Decision Time

Now that we know that an all herd buy out will be part of the new dairy price support program, it's time for decision making among producers even though we don't have all the specific provisions. Many of the details will be left up to the USDA but you don't have to wait for that to begin working on it from your end.

For some producers on the verge of quitting, for whatever reason, the decision may be an easy one. For others, who have so much of their resources committed to dairy and consider a short time interruption more of a handicap than a benefit, the decision may also be an easy one.

For most producers, however, it will be a gruelling examination of their present financial situation; the opportunities for alternate income on or off the farm and finally how much would it take to get you to make the switch.

That examination of present finances is one where you can start now to pin down the income you now get from dairy; how much debt you'll have to carry even without the cows and whether or not you expect to buy back into the business when the program ends.

Financial considerations, important as they are, are only part of the decision. There may be good personal or family reasons for participating in the program and it may help you to make the transition.

Later on you'll be asked to make a bid on what you would take to sell out and you'll be bidding against other dairymen from all over the country who also want to participate.

If your bid is too low you may be worse off than you are now. If it's too high you may not be accepted in the program.

However, your bid is the last decision you'll have to make and no one knows yet how much time you will have. Meanwhile, your financial record analysis now can be the first step and it will be time well spent no matter what your final decision is.

November Order 2

With production increasing six percent over last year and Class prices down to their lowest for the month in seven years, the Uniform Price in Order 2 for November was $12.30, the lowest since 1978. It was 10 cents less than October and $1.61 less than last November.

A 15 cent drop in the Louisville Plan pay back from 42 cents in October to 26 cents in November accounted for most of the difference from last month but an increase in Class I utilization prevented a slide for the full 15 cents. Blend prices lower than the year before started in April with a difference of only 17 cents between 1984 and 1985.

That has increased each month since to the high of $1.61 for November making the blend price nearly 12 percent less than last year. Taking out the 50 cent assessment you were paying last year lowers the difference to $1.11 but that's still eight percent less than last November.

Monthly increases in milk production nationally that started last February and reached record highs last month have provided a spring flush of milk supplies in the fall. Seasonal declines in production at this time of year normally mean higher prices but not this year.

For the first time since 1974 the Minnesota-Wisconsin Price Series has dropped from October to November and is now lower than it was last June during the spring flush. It's not the kind of situation that helps to make a happy holiday but I certainly hope you can find reasons to have one.

Pesticide session set in Fawn Grove

FAWN GROVE — The Kennard-Dale Young Farmers Association will conduct a pesticide recertification and sprayer use course the next two Thursdays.

The Jan. 2 event will be held at M and R Equipment in New Park, and the Jan. 9 session will be at Enfield Equipment Co. in Whiteford. Both meetings begin at 8 p.m.

Because of the number of new materials that have been added to the restricted list, members are urged to attend one of the sessions.

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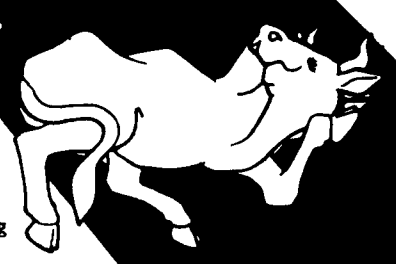

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FCS commends President, Congress for aid package

WASHINGTON — Officials of the Farm Credit System have commended the Congress and President for their prompt action on aid to the system.

The cooperative banking system which provides approximately one-third of the nation's agricultural credit, has been adversely affected by the depressed farm economy.

Gene Swackhamer, President of the Farm Credit Banks of Baltimore, the second District of twelve that comprise the nationwide agricultural lending instituion commented: "We are pleased with the swift action the Senate, the House of Representatives, and the President took on this bill. The quick response of the legislators demonstrates their understanding of the urgent need for assistance in this time of agricultural adversity."

Both houses of Congress acted quickly to pass the bill. The action came on December 17 in the Senate where compromise amendments to a House-passed bill had been worked out prior to bringing the bill to the floor. The bill, S. 1884, passed by unanimous consent. It went immediately to the House of Representatives where it also received unanimous consent.

Swackhamer went on to say, "The legislation will reassure investors and will ease escalating funding costs. Several weeks ago Farm Credit securities were selling at 100 to 125 basis points (100 basis points equals one percent) above Treasury securities. This is a sharp increase from the 5 to 25 basis point spread we experienced before the agricultural crisis."

The bill addresses three key agricultural issues:

- Funds will be made available only after the System provides for its own self-help to the extent it can without jeopardizing the viability of the institution.
- "Financial warehousing" of non-performing loans and acquired properties. The bill would establish a Capital Corporation to direct funds to the districts in need of financial assistance.
- Restructuring of the Farm Credit Administration (FCA). The legislation would strengthen FCA as an arms-length regulator. This would put it more in line with other financial regulators.

Other provisions of the bill call for electing a seventh director for District Farm Credit boards on an at-large basis by borrowers within the District; prohibiting the chartering of more than one local association to serve the same territory; providing new assurances for the protection of borrower/stockholder interests; and providing the same tax exemption (state and local) for obligations issued by the Capital Corporation as those issued by the Farm Credit Banks.

Expert sees slow recovery in agricultural economy

ITHACA, NY — American agriculture is in recession and won't be recovering any time soon, but the situation probably won't get much worse, a Cornell University economist predicts.

Kenneth L. Robinson, a professor of agricultural economics in the Agriculture and Life Sciences at Cornell, says that, for agriculture, there isn't any strong recovery around the corner.

"It's not going to get worse, but it's not going to turn around quickly either," he says.

Speaking at the "Agribusiness Outlook Conference," held at Cornell recently, Robinson predicted that U.S. agribusiness will remain depressed and that the nation's economy as a whole would expand only moderately in 1986.

"It's growing, but it's a sluggish growth," Robinson said.

Robinson predicted an increase in personal income and expenditures for 1986, "but there won't be enough economic activity to sustain a significantly higher rate of growth."

According to Robinson, the nation's gross national product, the production of all goods and services in a given year, grew quickly in 1983 and the first half of 1984. Since then, the GNP has slowed considerably.

"For 1986, the growth rate probably will be no more than 3 percent," Robinson said.

The Cornell economist contended that the economy will continue to be sluggish for several reasons. For example, a slight growth in income and employment during the past few months "is going to help the situation, but it isn't enough to spark a boom in the nation's economy – whether it be in agriculture or other areas."

Discretionary income for purchases is expected to be limited next year, because consumers will be compelled to allocate a substantial portion of their incomes for debt repayment. Other factors limiting growth include indications of "disappointing" business profits and a weak demand for commercial loans.

Despite lower interest rates, the housing industry has not picked up much steam, Robinson said. Faced with budget-cutting pressure, the U.S. government won't be creating new economic activity, except in defense-related areas.

"On the other hand, there is little evidence to suggest that things will get worse for agriculture or the rest of the economy," Robinson noted. "On the bright side, the two most positive factors are the continued decline in interest rates and the decreasing value of the dollar."

Lower interest rates should encourage more building and housing starts, while a weaker dollar will make U.S. exports more competitive.

Average farm incomes in New York State are not likely to drop significantly through the next year, because Congress is expected to freeze its farm support levels through 1986.

"This is why farm prices aren't going to get worse in the short run, Robinson pointed out.

However, large stocks and excess production capacity, plus foreign competition, will hold down American farm prices, while increasing foreign competition continues to shrink the U.S. share of the world grain market.

The U.S. share of the world grain market has decreased markedly since 1981, as other countries gain the technology that can boost their agricultural yields, Robinson said.

Although the U.S. is still the largest grain producer in the world, its share of the world market has fallen from 55 percent in 1980-1981 to about 40 percent in 1984-1985.

"There will be some slight improvement associated with interest rates and the declining value of the dollar, but I can't see any area that will be sufficiently strong to spark a strong surge in the economy. Unfortunately, for some, it is going to be more of the same next year."

Teachers hear PSU's McCoy

UNIVERSITY PARK — James S. McCoy, director of undergraduate student affairs for the College of Agriculture at The Pennsylvania State University, gave a presentation at the annual meeting of the Pennsylvania Science Teachers' Association held recently in Monroeville.

McCoy's presentation, titled "Feeding the World Through Bio-Technology," gave an overview of scientific study in agriculture and highlighted the futuristic research of Penn State's agricultural scientists.

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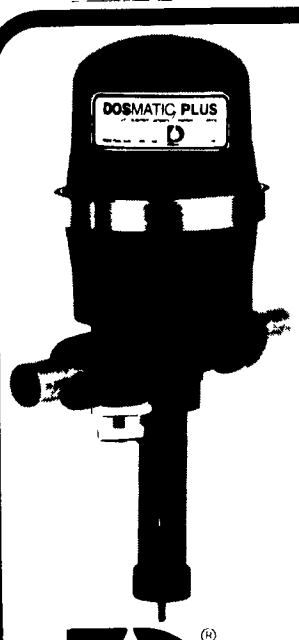

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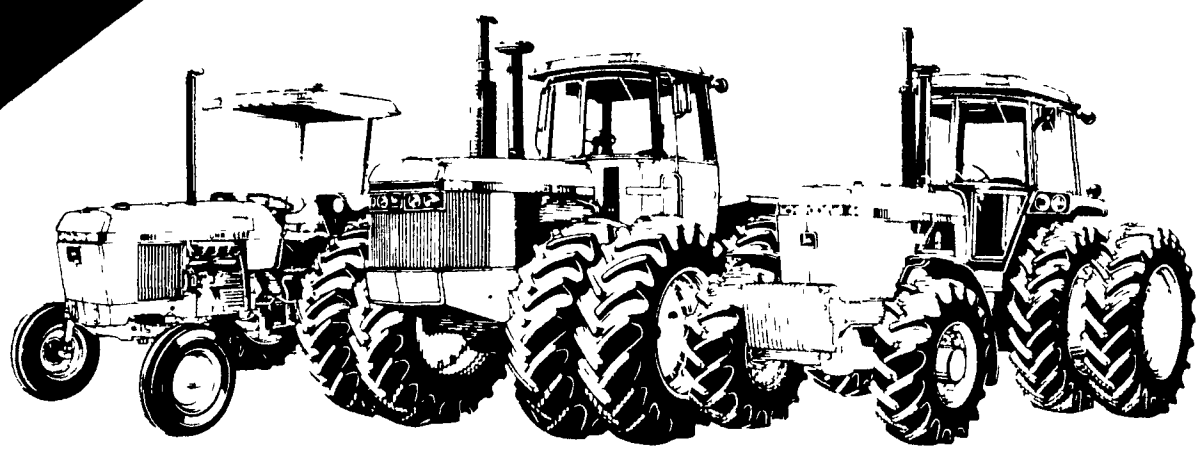

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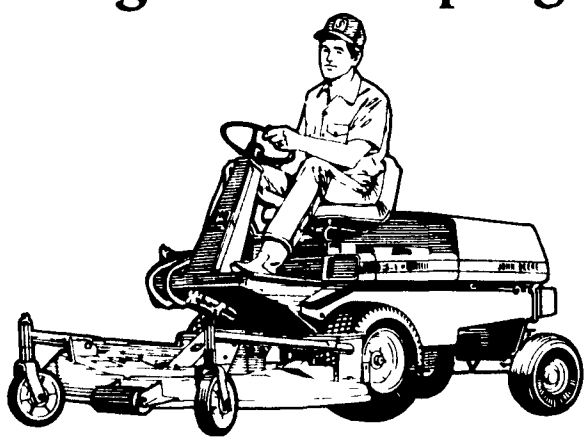

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Evans City dairyman delights children as Santa Claus

BY BARBARA RADER
Staff Correspondent

CALLERY — Children all around the country are winding down from one of the most exciting days of the year and so is a dairy farmer who portrayed that familiar fellow in the fuzzy red suit.

For some 35 years George Marburger, Evans City, has listened as excited youngsters recited lists of "Things I want for Christmas."

But children aren't the only ones who have enjoyed Santa's appearances; folks confined to rest homes have had their holidays brightened by a visit from this special man year after year.

George started making his Santa appearances to help his friends whose children dreamed of catching of glimpse of their bearded hero. He is now into a second generation of children who he delights with his traditional appearance.

George's friends couldn't have selected a better person to fill the position of "Santa's helper" during the bustling holiday season. Not everyone can meet all the necessary requirements to be Santa, but George seems to fit the pattern perfectly.

A jovial man by nature, George captures the hearts of all he meets with his twinkling blue eyes. His cheeks maintain their rosy glow day after day, whether he is wearing his fur-trimmed suit or his more familiar patched blue jeans, plaid flannel shirt and a cap bearing the name of a farm business.

George operates a 200-acre dairy farm. His mixed herd of about 90 registered Guernseys and Holsteins with 55 milk cows on DHIA can be found atop a hill on the Mars-Evans City Road. The farm is shared in a partnership with his older brother, Lawrence, and now his youngest son, Gordon, has joined the family operation. The older Marburgers are now semi-retired, while Gordon is the full-time farmer.

The family also raises 2,000 chickens and capons a year and offers custom butchering from the family owned slaughter house. The butchering business is strictly a sideline, offered mainly to friends.

But perhaps the most important qualification George has for his Santa role is lots of love to give in the spirit of Christmas. He proved this one Christmas Eve when his wife, Judy, was confined to the local hospital for a period of time.

Two-year-old Katie Merritt wants no part of the jolly man in the red suit — yet. Santa Claus Goerge Marburger says it isn't unusual for the younger children to cry when they see him, but, he added, they usually change their opinion when they get older.

Fred Piefer tells Santa what's on his Christmas list.

George and Judy Marburger have shared many cherished moments during their 35-year marriage. Judy plays an important role in George's Santa scheme, even though she doesn't accompany him on every trip.

He surprised Judy with an unexpected visit from Santa. Decked out in his red suit, George brought twinkling eyes from all directions. If the couple's four children had been present, they might have observed a scene similar to the one described in the familiar Christmas song, "I Saw Mommy Kissing Santa Claus."

Today, in addition to their four children, the Marburgers have five grandchildren and another one is on the way.

Every Christmas Eve the family joins George on his special run, which now includes six stops. Their oldest child, Diane, comes home for the holidays and does the chauffering on this night.

Diane's oldest son, who is also the oldest grandchild, has grown up knowing that grandpa is one of Santa's helpers and now he wears a smaller version of George's costume.

His sister, donning an elf suit, joins them in their visits. The rest of the grandchildren will probably join in the fun when they are old enough to make the trip. By that time, other means of transportation may be necessary!

Judy plays an important role in this seasonal activity too. Acting as George's secretary, she books the engagements and sees that the complete suit is looking its best at all times. She also adds the finishing touches before Santa leaves home. She said she always looks forward to his return home, when he shares all the excitement of his trip.

Judy can't join him on all his visits because of a back injury, but she does like to sneak in one on occasion.

George makes at least 15 calls a year, with two or more a day at times. Some are routine visits held yearly, while others may be a spur-of-the-moment engagement.

George's first Santa suit was owned by the Lutheran Church in Evans City, where he teaches Sunday school. Seeing the need for a suit of his own, George purchased a corduroy one. This year, the old suit has been replaced with a bright red, fuzzy pile suit made by a friend who tailored it to fit George perfectly.

Dressed in his suit and on the job, George listens to the stories and dreams the youngsters share with this one, special person who means so much to them.

And he is the one who hears the lists of Christmas requests. "Various trends have run from year to year. It sort of depends on what is advertised on T.V.," George reports. "This year, it seems to be Big Foot, transformers and pound puppies."

Santa surprises the children at a Christmas party at a nearby church.

The youngsters' parents often report back to George, noting that their children are much more excited about Christmas following his visit. However, not all the kids like Santa. Some small children won't leave their mother's side, while others will scream and cry at the sight of him.

"Give them until next year," is George's reply on this matter.

Portraying Santa has had its share of adventures, George notes. One year a friend asked him to accompany her children to a department store to have a portrait taken for her Christmas cards.

The other shoppers in the store assumed he was a store employee and he ended up being photographed with other youngsters several times in the next hours.

Now that Christmas has come and gone for another year and Santa Claus has made his annual holiday visit, this Santa has many more memories to cherish and will be able to settle back into his daily routine.

Homestead Notes

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On being a farm wife -And other hazards

Joyce Bupp

"Buy flowers. Or even a dandelion will do."

Sounds like a message from the FTD people who bring us the Rose Parade, except for the dandelion part, doesn't it? That's not where this message came from, though.

It was scrawled on a small paper tablet, penciled on the pad by a dairyman attending a farming management meeting.

An unlikely message for a farmer to be noting? I know for a fact that dairy farmer's jotted notes are more commonly along the lines of: Check #24 for heat; milk Bessie in the pail; or a veritable grocery list for teat dip, uterine infusion, dry treatment and calf bottle nipples. Sometimes the notes even get more personal: Can you help put cows in after lunch?.

But sandwiched in between educational sessions on reproductive goals, costs to raise heifers and income/expense cost analyses had come a sort of "personal" management motivational presentation.

"Buy flowers."

Really a simple suggestion. But it summed up what all the cost analysis, farming goal advice, marketing tips and herd health recommendations tend to overlook: in the nuts and bolts business of scratching to make ends meet, we are forgetting the very foundation of the American family farm.

The farm family.

Another point that speaker Rich Brandt, a real estate and farm appraisal specialist, made that day sums up his flower buying reasoning: on a farm you have either a half a man—or two and a half men.

It all hinges on the farm wife. With a wife's support, a farm has two individuals pulling together, plus, the wife's support gives the farmer an additional "half-person" worth of energy and enthusiasm. But, if a wife is against the farm, it can so drain the farmer that he can do only half a job.

And so, his point was that the strong family foundation can either make or break the success of a farming venture. While we all know that deep down, it's rare that such a subject ever comes up at a farm management meeting.

What good are top production yields on cows or corn, blue-ribbon heifers or hay, bin-bustin' crops or farmsteads sprawling with buildings filled with shiny new equipment if the heart of the farm family is empty?

Farming in 1985 wasn't all that easy...and 1986 doesn't make any rosy promises as farm prices shrink and costs inch up. Farmers will make their way through the financial maze—or they will get out, either voluntarily or through more painful methods. Whatever comes, strong family ties make the job of staying or of changing a lot easier.

"Buy flowers."

But it doesn't have to be flowers, necessarily. A thoughtful "thank you" between spouses, or a laugh together at something silly, or a warm hug, goes a long way. Seems like a nice way to start the New Year. (My spouse suggests that apple dumplings would be appropriate, too!)

It's not the item—but the idea—that is important. She might even be willing to take a rain check on the flowers. At least until the dandelions are blooming again.

Scientists develop low lactose ice cream

ITHACA, NY. — Licking a scoop of ice cream may be a tasty treat for some people, but it can be the root of a digestive problem for others, particularly people whose bodies are unable to metabolize lactose, a milk sugar.

After infancy, many people lose their ability to digest lactose. About 70 percent of American blacks and native Americans, and more than 80 percent of Asian and Middle Eastern populations reportedly have a lactose digestion problem. Symptoms include gas, bloating, abdominal cramps, nausea, and diarrhea.

To help lactose intolerant people enjoy ice cream, Cornell University food scientists have developed a quality vanilla ice cream that has up to 75 percent less lactose and up to 50 percent more protein than usual.

It is estimated that Cornell's new ice cream can be digested by about 95 percent of those individuals who are considered lactose intolerant.

Using a modern, biotechnological technique called ultrafiltration, Frank Kosikowski, professor of food science, and graduate student A.R. Masters also have boosted the calcium content of the ice cream slightly while decreasing its sodium content up to 50 percent.

Low-lactose ice cream can be made by an alternate process requiring an added enzyme that breaks down lactose into glucose and galactose, but does not reduce sodium or increase calcium.

"Our technique is a totally natural one, however," Masters points out. "And, it's an easy way to produce a much more healthful product."

The process consists of pumping milk through an ultrafine membrane consisting of many pores that are uniform in size. Water and soluble milk components, including lactose and other sugars, and salts flow through the membrane.

The components of milk that do not pass through the filter include the fats, proteins, insoluble salts, and enzymes. As water is separated out, this mixture— the "retentate," the parts of the liquid retained—increasingly becomes more concentrated.

Kosikowski and Masters substitute retentate and cream made from retentate, which are higher in protein and much lower in lactose for the total milk solids usually used in making ice cream. The result: a delicious ice cream that experienced taste panelists could not distinguish in flavor, body, and appearance from the control.

The Cornell process allows ice cream manufacturers to make as high a quality ice cream as desired. Premium ice cream, for example, is possible by merely increasing the proportion of cream from retentate used.

Masters and Kosikowski are continuing their experiments, trying to determine how much more they can increase the protein content of the ice cream without sacrificing quality or other features.

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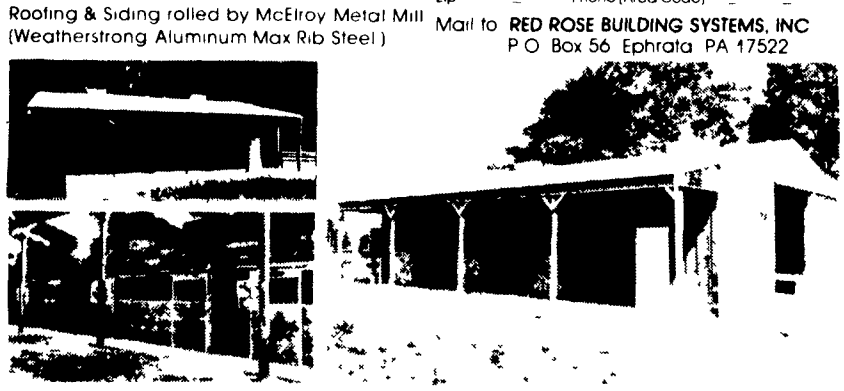

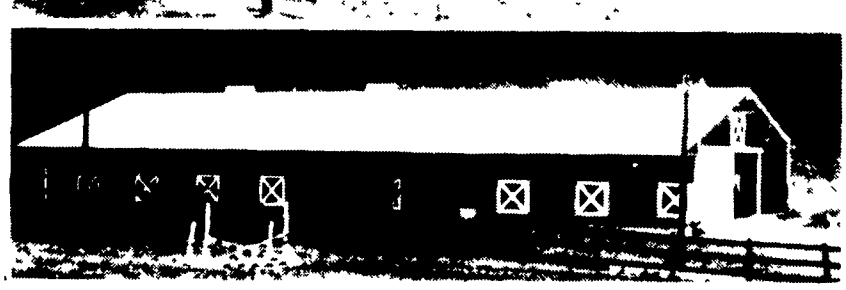

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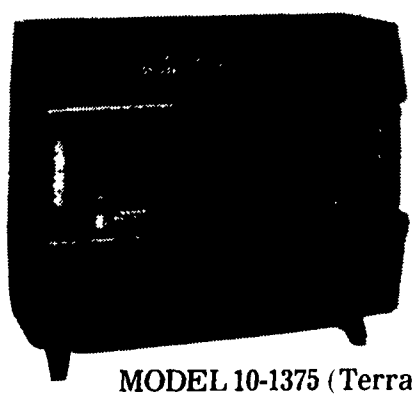

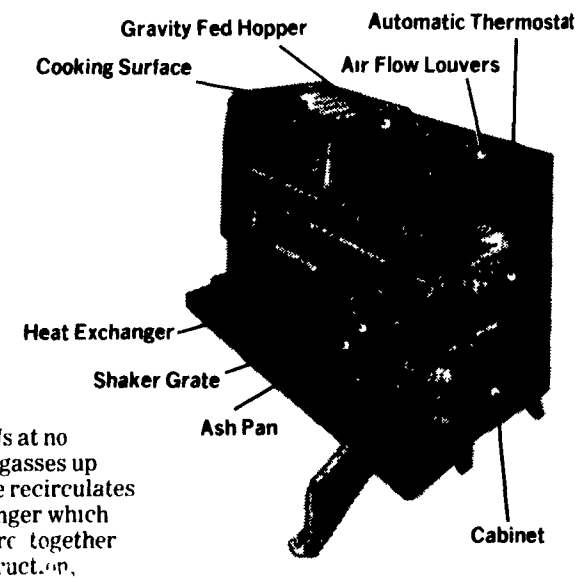

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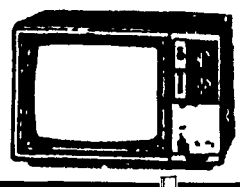

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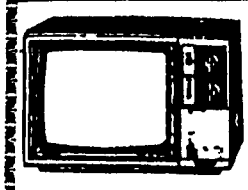

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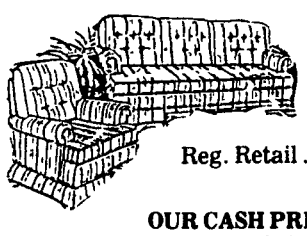

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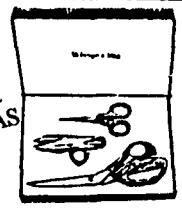

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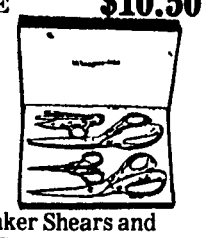

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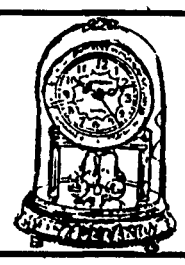

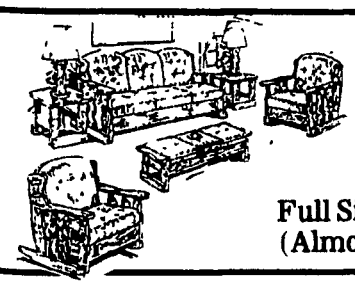

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Have You Heard?

By Doris Thomas
Lancaster Extension Home Economist

Don't forget your carpet when you clean after the holidays

Holiday time often brings an increase in home entertaining. When you put away your Christmas decorations you may notice that your carpet appears dingy.

If your carpet has that forlorn "clean me" look when you put your Christmas decorations away, consider some do-it-yourself revitalization.

For light cleaning, try dry powders. Sprinkle oil and dirt absorbing granules over the carpet's surface, working them into the pile with a brush. This method does not distort the texture, but vacuuming up all the powder can by tricky.

Aerosol spray foams are convenient for spot cleaning. Spray a thin layer onto the carpet; work the foam into the pile with a damp sponge or still brush. When dry, vacuum to remove the loosened dirt. Spray foams are effective on lightly soiled areas, but they are expensive and may leave a slight residue which can become a magnet for dirt.

Shampooing with water and a detergent solution cleans the top portion of a carpet to leave it looking brighter. But be careful not to overbrush the pile in any spot. This can cause textural damage to the fibers, especially in low density carpeting with long pile or soft yarn twists. Also, frequent cleansing with this method may leave a residue that leads to resoiling.

Often called "steam" cleaning, hot water extraction is the method used most frequently by carpet care professionals. If you are interested but don't want to hire the work out, equipment is available at most rental stores. This method uses a special machine to force hot water and nonfoaming detergent into carpet pile. A powerful vacuum removes dissoved soil, causing little or no textural change and leaving no residue to dull a carpet's color or attract more dirt. In fact, steam cleaning is the best way to remove residues left from other cleaning methods.

If you follow instructions, each of these do-it-yourself cleaning methods can produce satisfactory results, and your carpet can look as though it had a face lift.

Does holiday time bring cavities?

The time between Christmas and New Year seems to be candy time and many parents wonder if candy will give their child cavities? According to food scientist the answer is mixed. While many studies link sugar consumption to cavities, the number of dental cavities depends more frequently of sugar consumption than on the total amount your child may eat.

A bag-full of box of candy does not have to lead to cavities if your children can be persuaded to be reasonable about how they eat it. First of all, encourage them to share the holiday candy they really don't want – nicely wrapped, extra candy can be a welcome gift to many adults. The candy they eat should be eaten as part of a regular meal (and save you the trouble of making desserts). Be sure they always brush their teeth after eating sweets.

Extension service seeks volunteers

NEWARK, Del. – Volunteers are critically needed for the Volunteer Financial Counselor Training program set up by the New Castle County Cooperative Extension Office.

Home economist Debbie Amsden states that a need for the program is indicated by increasing reports from social service agents and weekly telephone calls to the extension offices from families who are in debt or have recently had an income loss.

Volunteers need no previous experience and may develop personally helpful skills in the training program. They will be required to meet with four families during the year under the supervision of an Extension agent or volunteers may choose to help the program in other ways.

The Cooperative Extension Service decided to expand its financial counseling program through volunteers after more than 80 families with budget problems were helped in the past year by Amsden and Mary Alice Morris, an extension home economist in Wilmington.

Anyone interested in volunteering for the seven-session program is asked to call the Cooperative Extension Office in Newark at 451-1239 or in Wilmington at 571-2284 for registration forms or questions. Fee for the course is $5 for a notebook of materials. Scholarships are available.

Deadline for registration is Jan. 16, 1986.

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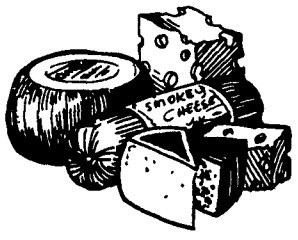

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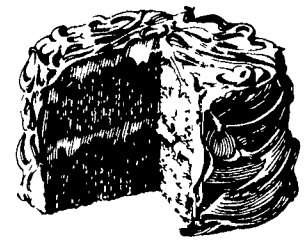


Entertain a crowd with ease

The holidays often bring families and friends together at groaning boards laden with food. However, if you're not accustomed to entertaining so large a crowd, the task can seem monumental.

But with the right recipes, a little pre-planning and a bit of work, you can set out a feast that please all your guests. Below are a few recipes that might get you started in planning your dinner menu.

If you're quite new to crowd-sized entertaining, you might want to start with a get together featuring punch and a few hors d'oeuvres.

BARBECUE COCKTAIL MEATBALLS

1½ pounds hamburg
½ cup milk
2 teaspoons salt
½ teaspoon pepper

Combine and form into bite-size balls. Brown in oil.

Sauce:

1 cup catsup
3 tablespoons chopped onion
2 tablespoons vinegar
½ cup Worcestershire sauce
1 teaspoon sugar
1 tablespoon water

Combine and pour over balls. Cover and cook 1 hour.

J. Sarver
Millerstown

HOT CRAB DIP

8 ounces cream cheese, softened
1 cup shredded sharp Cheddar cheese
½ cup sour cream
1½ teaspoons Worcestershire sauce
1 teaspoon Dijon-style mustard
½ pound fresh crabmeat or 2 6-ounce cans crabmeat, drained
⅓ cup chopped green onions, tops included
1 pound loaf flat, round French bread (optional — to serve dip in)
Sliced French baguette or crackers

Preheat oven to 350°F. In a medium bowl, beat cream cheese, Cheddar cheese, sour cream, Worcestershire sauce and Dijon mustard. Gently stir in crabmeat and most green onions; reserve some green onion tops for garnish. Cut off top and hollow out French bread; spoon mixture into bread. Or, butter a 1-quart casserole and spoon crab mixture into casserole. Bake 20 to 30 minutes, until top is set and mixture is hot. Garnish top with remaining green onions. Serve dip with sliced baguette or crackers. Makes about 3 cups of spread.

FRESH VEGETABLE DIP

3 stalks celery, cut into 1-inch pieces (about 1 cup)
3 green onions with tops, cut into 1-inch pieces (about 1 cup)
2 medium peeled carrots, cut into ½-inch pieces (about 1 cup)
1 large green pepper, cut into 1-inch pieces (about 1 cup)
¼ cup chili sauce
1 cup dairy sour cream
1 teaspoon dried dill weed
1/8 teaspoon salt
Fresh vegetables and breadsticks for dipping

Combine celery, green onions, carrots and green pepper pieces in a 1½-quart glass casserole. Cover with plastic wrap; turn back corner to vent. Cook in microwave oven 5 to 6 minutes at high, or until tender. Drain vegetables and place in food processor or blender. Add chili sauce and process until finely chopped; scrape sides when necessary. Refrigerate in serving dish covered with plastic wrap until ready to use.

Before serving combine sour cream, dill weed, salt and vegetable mixture in a small bowl; blend well. Serve with fresh vegetables and breadsticks. Makes about 3 cups.

Note: To cook conventionally, steam celery, green onions, carrots and green pepper until tender. Proceed as directed in recipe.

INDIVIDUAL YORKSHIRE PUDDINGS

4 eggs
¼ teaspoon salt
¾ cup flour
8 teaspoons butter

Place eggs and salt in blender container or food processor fitted with steel blade and process 2 minutes. Add flour and process 1 minute or until mixture thickens. Add milk and process 1 minute. Cover and refrigerate at least 1 hour.

Pre-heat oven to 425°F. Place 1 teaspoon butter in each of eight 1½-cup heat-resistant custard cups; place cups on large baking sheet. Place custard cups in oven and heat 3 to 4 minutes or until butter sizzles.

Meanwhile blend batter 1 minute. Quickly brush side of each custard cup with hot butter. Immediately pour about ⅓ cup batter into each custard cup. Bake 10 minutes. Reduce oven temperature to 350°F. and continue baking 10 minutes. Serve immediately. Makes 8 individual Yorkshire puddings.

Note: Yorkshire pudding may be baked in advance, cooled and wrapped in aluminum foil. To serve, heat in 325°F. oven for 10 minutes or until hot.

When family and friends gather at your table, be prepared with a crowd-sized feast

BEEF RIB WITH OVEN-BROWNED VEGETABLES

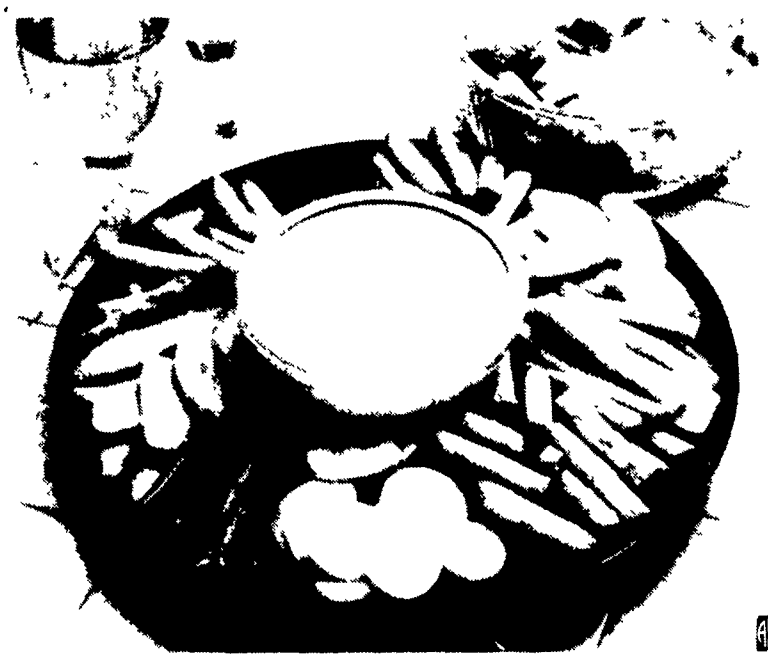
3 to 4 pounds beef rib roast
3 cloves garlic, minced
1½ teaspoons lemon pepper
8 small red potatoes, cooked
8 boiling onions, cooked
8 carrots, cut into 2-inch pieces, cooked

Combine garlic and lemon pepper, rub into surface of roast. Place roast, fat side up, on rack in open roasting pan. Insert meat thermometer so bulb is centered in the thickest part but not resting in fat or bone. Do not add water. Do not cover. Roast in 325°F. oven to desired degree of doneness. Allow 23 to 25 minutes per pound for rare, 27 to 30 minutes for medium; and 32 to 35 minutes for well done.

Remove roast when the meat thermometer registers 135°F. for rare; 155°F. for medium; and 165°F. for well done. Allow roast to "stand" 15 to 20 minutes in a warm place before carving. Roasts continue to rise about 5°F. in temperature to reach 140°F. for rare; 160°F. for medium; and 170°F. for well done.

Meanwhile remove all but 2 tablespoons drippings from roasting pan. Add vegetables and brown over medium-high heat for five minutes. Serve carved roast with vegetables.

Note: A beef rib roast will yield two 3-ounce cooked servings per pound. One serving of vegetables consists of one potato, one onion and one whole carrot.



A refreshing appetizer, Fresh Vegetable Dip, is quickly and easily prepared in your microwave oven

PUNCH

5 packages lemon-lime Kool-Aid
4 cups sugar
1 quart boiling water (cool)
3 quarts cold water
½ cup lemon juice
1 gallon lemon or lime sherbet (cut in pieces)
6 quarts lemon-lime soda
Enough water to make 5 gallons punch

Mix ingredients in order given. Other flavors may be substituted.

Mrs. W. Zimmerman
Rombulus, N.Y.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Sue Keene, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

January	
4	Recipes with Peanut Butter
11	Low-Calorie Meals
18	Budget Casseroles

Featured Recipes

This week's featured recipe comes from the Pennsylvania Meat Marketing Program. This Pate of Lamb recipe will fit right into your holiday entertaining plans. Since it keeps well, you'll be prepared to treat unexpected guests who arrive at your front door.

Pate of Lamb

2 pounds finely ground lamb
2½ teaspoons salt
1 teaspoon pepper
1 large onion, grated
1 pound cracked wheat
3 cups cold water
1½ cups diced cooked lamb
½ cup chopped onion
2 cloves garlic
1 teaspoon thyme
½ cup pine nuts
2 tablespoons butter
Melted butter

Combine ground lamb with salt, pepper, and grated onion, blend well. Soften cracked wheat in water; rinse and drain well. Mix with ground lamb. Put mixture through a food grinder. Take one-half of mixture and spread in well-buttered shallow baking pan.

Brown diced lamb, chopped onion, garlic, thyme, and pine nuts in 2 tablespoons butter. Spread this mixture over lamb-and-wheat paste. Cover with remaining lamb-and-wheat paste. Pour melted butter over top and bake in slow (325°F.) oven for 30 minutes. Cut into small squares and serve very hot.

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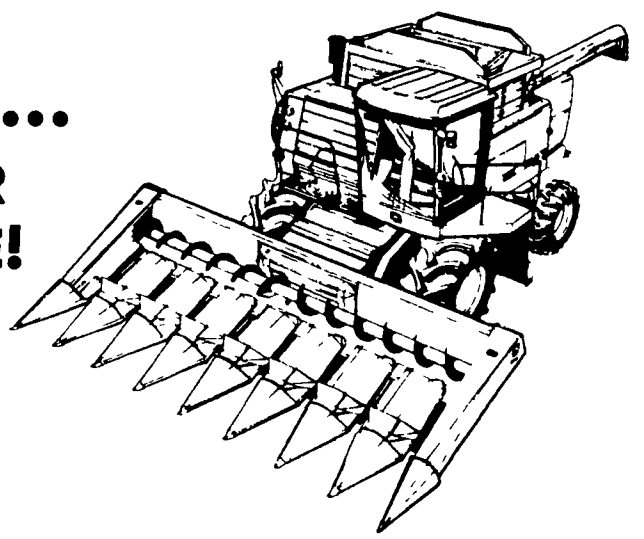

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JOHN DEERE

Entertain a crowd

(Continued from Page B6)

MINI BEEF LOAVES
1 pound ground beef
1 egg
¼ cup milk
2 tablespoons dry bread crumbs
½ teaspoon salt
1/8 teaspoon pepper
1 medium onion, chopped (about ½ cup)
1 small green pepper, chopped (about ½ cup)
¾ cup shredded cheese

Mix ground beef, egg, milk, crumbs, salt and pepper. Press half of the beef mixture in bottoms and halfway up sides of 12 ungreased 2½x1¼-inch muffin cups. Fill each with onion, green pepper and cheese. Top with remaining beef mixture, pressing edges to seal. Place muffin pan in ungreased 15½x10½x1-inch jelly roll pan. Cook uncovered in 350°F. oven until done, 30 to 35 minutes.

Makes 6 servings.

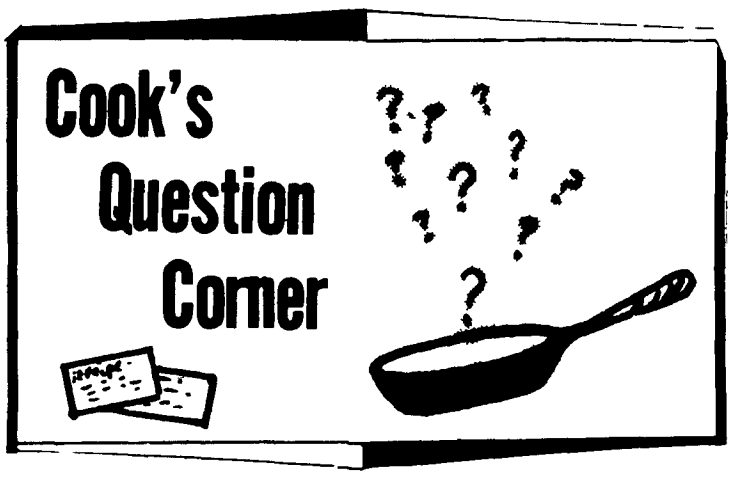
COMPANY CHICKEN LOAF
1 broiler-fryer chicken, cooked, skinned, boned and chopped into bite-size pieces
2 cups cooked rice
1 cup chopped fresh spinach
1 cup evaporated milk
1 cup chicken broth
1 tablespoon minced onion
2 teaspoons celery salt
½ teaspoon pepper
4 eggs, well beaten
2 tablespoons grated parmesan cheese

To cook chicken: In deep saucepan, place chicken with 2 cups of water; 1 small onion, quartered; 1 rib of celery, with leaves; 1 teaspoon salt and ¼ teaspoon pepper. Cover and simmer about 45 minutes or until fork can be inserted in chicken with ease. Cool in refrigerator, reserving broth. Separate meat from bones. Discard bones and skin. Cut chicken in bite-size pieces.

In large bowl, mix together bite-size chicken pieces, rice, spinach, milk, broth, onion, celery salt and pepper; refrigerate until time to cook. When ready to cook, stir in beaten eggs and pour into well-greased 2-quart baking dish. Sprinkle with parmesan cheese and bake in 350°F. oven until light brown, about 50 minutes. (Be careful not to over-cook and dry out.) Cut in squares to serve. Makes 6 servings. Double recipe for larger groups.

TART AND TASTY CHICKEN
15 to 20 drumettes
1 teaspoon salt
¼ teaspoon pepper
¼ cup butter
¼ cup currant jelly
¼ cup mincemeat
1 tablespoon brown sugar
¼ cup prepared mustard

Broil drumettes about 4 to 5 inches from heat, turning to brown evenly (about 19 minutes each side). Sprinkle with salt and pepper. In small saucepan, place remaining ingredients and heat until sugar is dissolved and jelly is melted. Place drumettes and dip on hot serving tray to keep both warm for serving. For a cold chicken sandwich, chill the dip and spread on thin slices of white bread. Slice cold roasted chicken and place on one slice of bread, topping with another. Cut sandwiches into four squares for bite-size party treats.



If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Verna Weaver, New Holland, would like a recipe for light and buttery croissants

QUESTION - Helen M Nicholas, Riegelsville asked for a recipe for a soft honey cookie Thanks go to Emma Fisher Paradise, for the following recipe

Honey Cookies

1 cup soft shortening-part butter
2 eggs
3½ cups flour or ½ bread flour and ½ regular flour
1 cup brown sugar, packed
½ cup honey
2 teaspoons soda
1 teaspoon vanilla

Mix shortening, brown sugar and eggs thoroughly Stir in honey and vanilla Sift flour, blend flour and soda Mix all together Chill several hours or overnight Heat oven to 350°F Roll into balls size of large walnut Place on ungreased baking sheet Bake 10 to 12 minutes or until almost no imprint remains when touched lightly As soon as you remove cookies from oven, take a knife and make a small hole on top Put apricot jam (or any other kind) in hole

Lehigh to host Penn-Jersey Tillage Conference

UNIVERSITY PARK — The Penn-Jersey Tillage Conference, a forum for promotion and discussion of no-till and minimum-till agriculture, will be held Tuesday, Feb. 4, at Lehigh University's Stabler Arena, in Bethlehem.

Speakers and displays during the public conference will address farming methods and farm economics. They will help farmers in New Jersey and easter Pennsylvania understand and practice conservation tillage to reduce erosion from cropland. Those who attend the conference can also be re-certified as pesticide applicators in Pennsylvania.

Specific topics to be covered during the morning session of the conference, beginning at 9 a.m., will include pesticide safety and regulations, the interaction of conservation tillage with other conservation measures, the economics of conservation tillage, planter and sprayer technology and weed control.

These topics will be addressed by specialists from the Pennsylvania State University, Rutgers University, the Soil Conservation Service and the New Jersey Department of Environmental Protection.

The morning session will end with a panel discussion, moderated by Keith Eckel, president of the Pennsylvania Farmer's Association.

During lunch, conference participants are invited to visit exhibits developed by conservation agencies and by industries taht supply materials and equipment necessary for conservation tillage.

The afternoon session, from 2 to 3:30 p.m., will have two parts. Louis Moore, extension economist from Penn State, will discuss the economic outlook for agriculture, especially the effect of worldwide economic and agricultural trends on U.S. and local markets.

Moore's presentation will be followed by a question-and-answer period regarding all of the conference's topics.

The Penn-Jersey Tillage Conference, modeled after the long-successful Mid-Atlantic No-Till Conference, is sponsored by the Penn State and Rutgers cooperative extension services, Pennsylvania and New Jersey conservation districts, the Soil Conservation Service, and agricultural and industrial trade associations.

Tickets to the conference must be purchased in advance. They cost $5, include lunch, and are available at all county offices of the extension service, conservation districts or the SCS, or by writing to Penn-Jersey Tillage, Warren County Cooperative Extension Service, Court House, Belvidere, N.J. 07823.

Those wishing to set up exhibits at the conference are invited to contact Jeff McClellan, 1419 North 14th Steet, Reading, Pennsylvania 19604; telephone (215) 775-1489.

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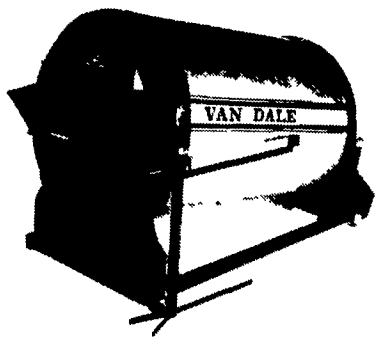

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THE MICRO WAY

LANI BLOOMER

1985 Micro Way Index

I have had letters and comments from many readers this year complaining about all the clippings from The Micro Way column. You say you can't find the recipes you need; pieces of paper are falling out of folders and bags or are lost behind the freezer!

Maybe someday I'll get it all together in a cookbook (you'll be the first to know)! But until then, to help you organize this mess, we'll print an index at the end of every year, for the columns from the previous year. If you keep you column clippings in order by date, you will be able to look down the index for the date, then find the recipe easily.

To hold my clippings, I use a three ring notebook, and glue or tape the clipping to a piece of notebook paper. If the clipping is too long or wide, I glue the part that fits on the paper and fold in the rest. I write down the date on the upper right corner of the notebook paper so it is easy to see when I flip through the pages.

Maybe this index and these hints will help you get organized for the new year! Once everything's set up, it doesn't take long to stick the clipping each week.

1985 Micro Way Index

Jan. 5 Reheating Magic; Jan. 12; Jan. 12 Cheesecake; Jan. 19 Potroast Dinner (Variable Power); Jan. 26 English Muffin Bread; Feb. 2 Meats 1: Tender Beef Roasts; Feb. 9 Meats 2: Pork and Potroasts; Feb. 16 Cherry Desserts; Feb. 23 Fish for Lenten Meals; Mar. 2 Quick and Easy Manicotti; Mar. 9 Pizza Cookies; Mar. 16 Shamrock (Lime) Pie; Mar. 23 Easy Breakfast Treats; Mar. 30 Side Dishes for Easter Dinner; Apr. 6 Leftover Easter Egg Recipes; Apr. 13 Defrosting Techniques; Apr. 20 Micro Slim #1 (Low Calorie Techniques); Apr. 27 Micro Slim #2 (Low Calorie Recipes); May 4 Mother's Day Gifts; May 11 Mother's Day Brunch: Egg Stratas; May 18 Microwaving Spring Vegetables; May 25 Reviewing Microwave Basics; June 1 Understanding Standing Time; June 8 Bundt Cakes: Coffee Cakes for Father's Day; June 15 Rhubarb Recipes; June 22 Microwaving Potato Salad; June 29 Children's Microwave Recipes; July 6 Light Fruit Desserts; July 13 Side Dishes for a Barbecue Crowd; July 20 Microwaving for Baby 1: Bottles; July 27 Microwaving for Baby 2: Solid Food; Aug 3 Summer Maindish Salads; Aug 10 Corn on the Cob; Aug 17 Microwaving Summer Vegetables; Aug 24 Ice Cream Toppigs; Aug 31 Microwaving Omelets; Sept. 9 Bar Cookies for Luncheons; Sept 14 Shoofly Pie and Cake; Sept. 21 Apple Recipes; Sept. 28 Microwave Shortcuts; Oct 12 Microwaving Pork; Oct 19 Halloween Party: Monster Stew and Chocolate Fondue; Oct 26 Gingerbread with Hot Lemon Sauce; Nov. 2 Adapting Recipes; Nov. 9 Roast Turkey; Nov. 16 Cranberry Cake; Nov. 23 Buying a Microwave; Nov. 30 New Microwave Acessories for Christmas presents; Dec. 7 Holiday Dinner for 4: Cornish Game Hens, Wild Rice Pilaff, Broccoli; Dec. 14 Holiday Pies: Egg Nog, Chocolate Walnut; Dec. 21 Microwaving Soups: Potato, Bean, Turkey Noodle; Dec. 28 Index.

May the New Year be a bright and healthy one for you and yours. Happy Microwaving!

Copyright 1985, Lani Bloomer

Penn State, SCS to host manure conferences

UNIVERSITY PARK – The Penn State Cooperative Extension Service and the Soil Conservation Service are sponsoring a series of regional conferences on current manure management practices the first week in February.

Scheduled to be held in four counties, these conferences will cover manure handling and utilization methods that can be used by most Pennsylvania animal and crop farmers.

Specialists will discuss methods of handling semisolid or solid manure and manure as a liquid, as well as how to size storage systems. They will also discuss the cost and nutrient savings for various systems.

The afternoon session will be devoted to using manure for crop production. Agronomists will present ways of using soil and manure testing to reduce fertilizer bills and to protect the environment.

Extension agricultural engineers Robert Graves and Dan Myers, extension agronomists Doug Beagle and Ray Shipp, as well as William Bowers, engineer from the Soil Conservation Service, will present the latest on manure management practices for Pennsylvania farmers. Manure storge and handling equipment suppliers also will be available for consultation.

Conferences will be held from 9:30 a.m. to 3:30 p.m. in Chambersburg, Tuesday, Feb. 4; in East Brandywine on Wednesday, Feb. 5; in Bethlehem on Thursday, Feb. 6, and in Lewisburg on Friday, Feb. 7. Contact your Penn State County Cooperative Extension Office for registration information.

Extension agents who are regional contacts for the conferences are: Phillip Wagner, Franklin County, (717) 263-9226; Cheryl Fairbairn and Dave Swartz, Chester County, (215) 820-3550; Dave Dunbar, Lehigh County, (215) 820-3085, and Norman Conrad, Union County, (717) 524-4461.

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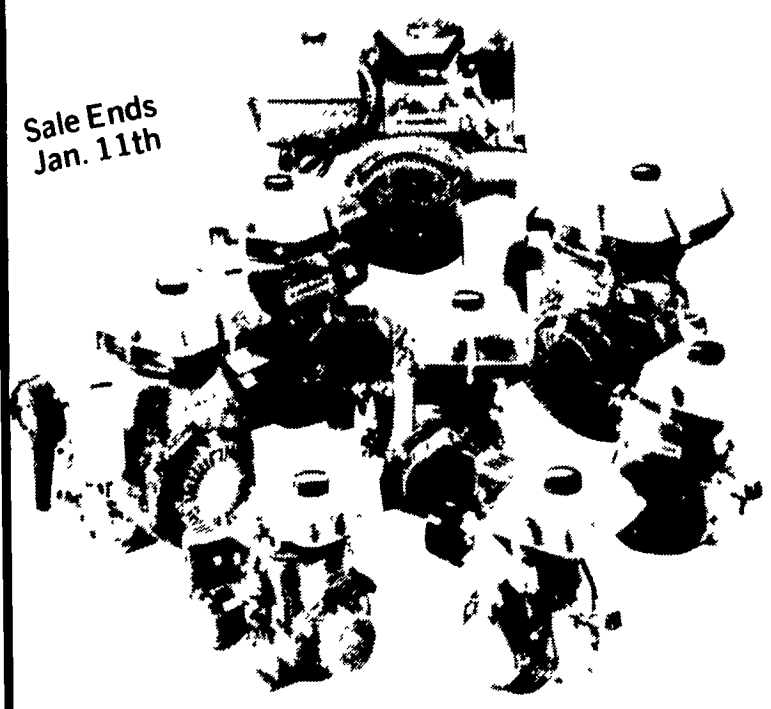

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Kid's Korner

Old telescopes still searching

BY JOYCE ASCHENBACH
National Geographic News Service

WASHINGTON — The venerable telescope had put in nearly 20,000 nights of service. For its first 30 years, the Hooker was the most powerful telescope in the world.

From the San Gabriel Mountains above Pasadena, Calif., it proved in 1925 that the universe reached far beyond the Milky Way. Billions of galaxies exist besides our own.

One astronomer called it "the single most important instrument save for Galileo's little lens back in the 17th century."

This summer the 100-inch telescope at Mount Wilson Observatory was retired. The Carnegie Institution of Washington, which operates Mount Wilson, decided to put its funds into its more modern observatory, Las Campanas, in the Chilean Andes. Carnegie has committed $10 million toward construction of a 315-inch telescope there.

Eclipsed by Giants

The Hooker, which is being kept in working condition in the hope that some scientific organization might take it over, is the first of the big, old instruments to be totally eclipsed by today's new generation of giant telescopes. Among the biggest in view are the 394-inch Keck, to be built atop Hawaii's extinct Mauna Kea volcano by 1992, and the space telescope, scheduled for launch in early 1987.

The Keck Observatory telescope, a joint project of the California Institute of Technology and the Univesity of California, will be nearly twice the size of the largest existing instrument and will enable astronomers to look backward 12 billion years. It will be sensitive enough to detect the light of a single candle on the moon.

New technology has put such telescopes on the horizon. Scientists now can create mammoth mirrors by fitting together many pieces of "glass". Before, telescope mirrors were limited to a single continuous concave surface that would not hold its shape when much larger than 200 inches in diameter.

With a renaissance in astronomy in sight, what's happening to some of the old instruments?

At the U.S. Naval Observatory in Washington, D.C., two are more active than ever, says astronomer Theodore Rafferty. He explains: "They are becoming more valuable the longer they stay in operation. Old and new observations from the same telescope can be compared. Each instrument has its own specialty."

The Naval Observatory's largest telescope, a 26-inch refractor, which uses a lens, not a mirror, saw "first light" (the initial passage of starlight through its optical system) in 1873. It discovered two satellites of Mars in 1877, and is [illegible] stars, binary stars, to determine their orbits and mass.

Part of Halley's Watch

The observatory's six-inch transit circle telescope, in use since 1896, is part of the current International Halley's Watch. Through it, astronomers will observe faint background stars as reference points to determine the comet's exact location. The findings will enable spacecraft tracking Halley's to make necessary course corrections.

At the University of Chicago's Yerkes Observatory, the world's largest refractor, with a 40-inch lens, has been stargazing since 1897. Most of its nights are spent photographing stars and star clu[illegible] to determine their [illegible] the largest [illegible], says astronomer Kyle Cudworth.

An earthquake in April 1984 has shut down temporarily the 36-inch refractor at the University of California's Lick Observatory near San Jose. During its nearly 100 years of observing the heavens, it has discovered thousands of double stars.

Telescopes at Caltech's Palomar Mountain Observatory are threatened more by city lights than by super-telescopes. "The night sky is twice as bright as natural levels ought to be," explains Robert Brucato, Palomar's assistant director. Palomar's 200-inch Hale, the largest telescope in the United States, could be useless within a decade if the lights are not dimmed

Observatory officials are in various stages of negotiation with the government of at least two counties and six cities in southern California over controlling future light interference.

Palomar's old 48-inch Schmidt telescope was just outfitted with new equipment to undertake a sweeping survey of the northern sky. The photographic mapping, which began this fall and is expected to take five to six years, will update a similar survey made by the Schmidt between 1949 and 1957. That survey, supported by the National Geographic Society, was hailed as "an astronomical bible" by observatories and universities throu[illegible]d.

of Sky

The new northern survey, also conducted by Caltech astronomers and supported by the National Geographic, will be combined with recent southern sky surveys to form the first complete atlas of the sky.

The newly equipped Schmidt will able to probe at least twice as far into space as it did the first time, charting galaxies some 3 billion light-years away.

Although the soon-to-be-launched space telescope can see deeper into the universe its field is so much narrower than the Schmidt's that it would take millions of years to map the sky. There is, astronomers observe, still a need for ground support.

Warm Tips for Winter Trips

1. Much of your body heat is lost from your head. When your body loses too much heat it slows the blood supply to your feet. This makes them feel cold. By wearing a hat you can slow down the loss of heat from your head and thus keep your feet warmer.
2. Layers of clothing trap air between them. The more air your clothes trap, the warmer you are. It's best to keep your body at an even temperature — not too hot or too cold. By adding layers of clothing or peeling them off, you can stay just right all the time.
3. Wind can blow [illegible] and carry body heat away quickly. Even when the temperature is 45° F, you can be severely chilled if the air is damp and windy. Always try to stay dry and out of the wind as much as possible.

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2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	GREY	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

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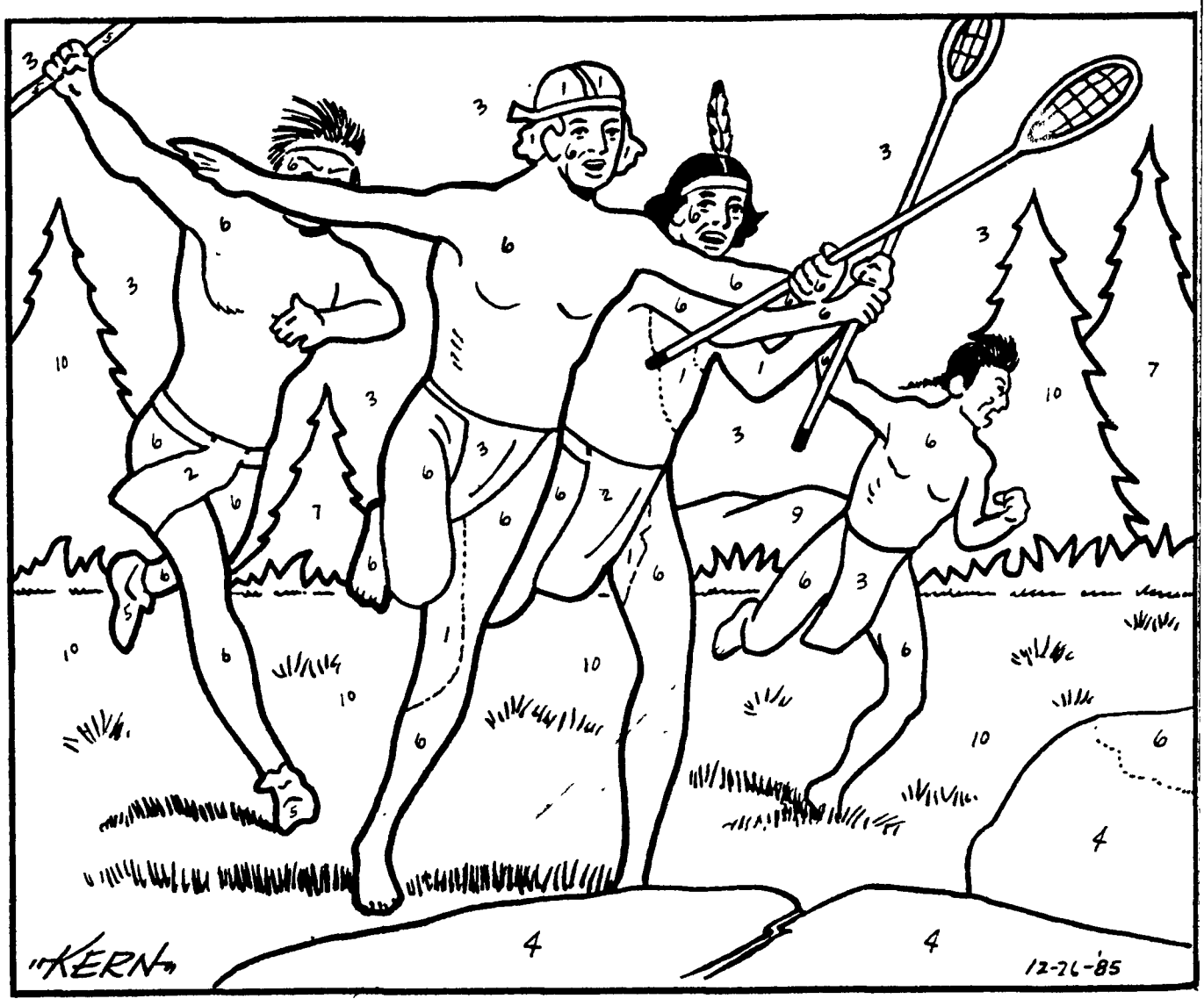

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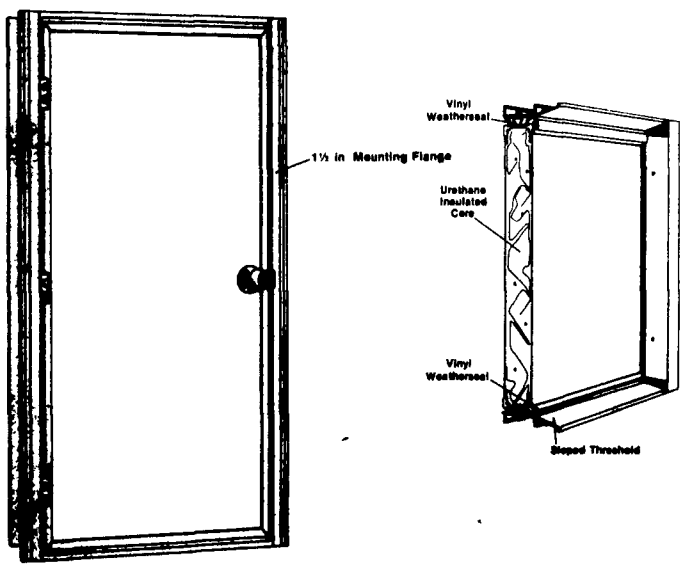

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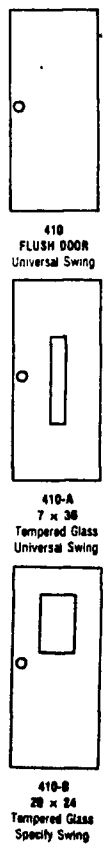

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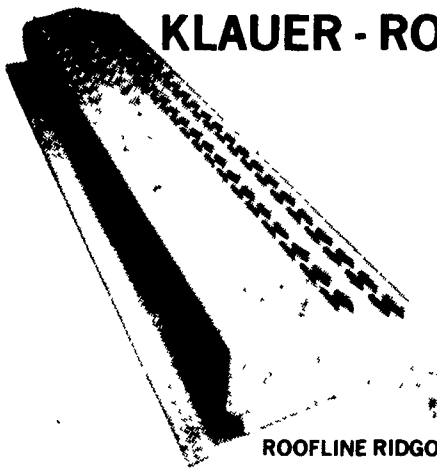

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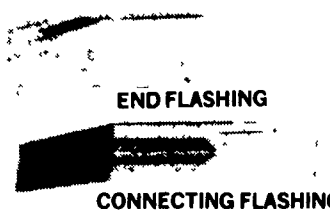

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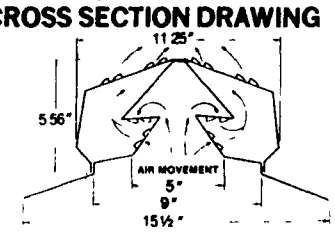

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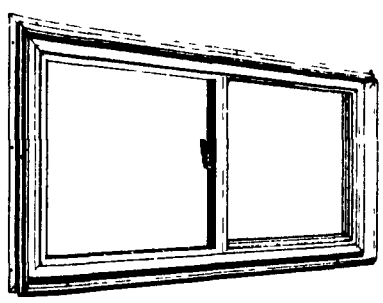

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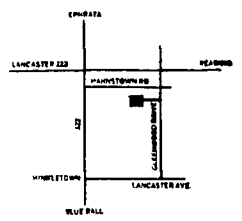

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Mulch is a standard form of winter protection for many shallow-rooted plants. "However," says County Agent Paul Reber, "too much mulch can be too much of a good thing."

The availability and low cost of bark-type mulch materials has created an over-mulching disease in the landscape. Gardeners have come to think of mulch materials as wonder products that provide endless benefit to our plants. But, misuse of mulch materials decreases a landscape's aesthetic value by changing the appearance of a plant. Mis-use of mulch can also kill many of the materials it is intended to help and protect.

Shade and small flowering trees that have mounds of mulch surrounding their trunks are unsightly. They look like ant hills with a plant in the middle. Such use of mulch detracts from the quality of the landscape and spells death for the plant.

Some plants can withstand such abuse, but mulching is often the leading cause of death to azaleas, rhododendrons, dogwoods, pieris, boxwoods, mountain laurel, hollies, cherry trees, ash, linden, maples and any number of narrow-leaf evergreen trees.

Overmulching a plant wastes material and can smother the root system or provide optimum conditions for the development of cankers on the lower trunk. In either instance, the damage cannot be reversed and the plants die in a matter of seasons.

Not all mulch material has the same potential for injury or damage to the plants. However, no matter what material is selected, try to maintain a two-or three-inch layer and no more. When decomposition results in a loss of mulch material, replace it to return the depth to two or three inches. All too often, gardeners apply a fresh layer each season to retain the specific look achieved with the fresh product.

Most organic mulches, except for the bark of coniferous trees, are high in cellulose and low in lignins. Cellulose decomposes rapidly and leaves little residue on the soil surface. Most of the mulch material is converted into carbon dioxide and water which can be used by the plants.

On the other hand, the bark of the coniferous trees like pine and spruce are low in cellulose and high in lignin. Such bark mulches are more resistant to decomposition and last longer on the soil surface. The ground below these mulches appears to accumulate high fractions of fine material as the material decomposes. This accumulation of bark fibers tends to remain wet and acts as a seal over the surface of the soil.

Roots under a sealed surface layer are often-starved of oxygen necessary for optimum growth and development. With a weakened root system, plants develop poor foliage color, flower slowly and may even collapse in the first warm weather.

Well-established plants can also be injured with an overapplication of mulch. There are many instances where a perfectly healthy tree has been killed with this practice. The injury occurs when the plant bark begins to decompose under the layer of mulch. The resulting canker (or open wound) in the bark does not heal.

The essential connection between the food producing foliage and the nutrient and water-absorbing root system is broken. Basically, the top and bottom of the plant starve from the lack of supplies.

Flowering cherry, dogwood and ash seem to be susceptible to this type of injury. Other trees establish roots into the mulch layer, but these roots do little to sustain the plant under stressful periods.

If you are one of the gardeners who apply mulch every spring, consider that most ornamental plantings only need to be mulched every two to three years to maintain an adequate layer. A light raking of the existing pine or coniferous mulch will help to loosen it and increase its effectiveness. The raking will also make any mulch material look fresh again for the remainder of the season.

When you do decide to add a new layer of material it will help to lightly incorporate the older material into the soil surface. This reduces the compaction and sealing from the decomposition products from the original layer.

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Families under economic stress are pervasive

ITHACA, NY. – Economic stress in families is much more the rule than the exception, says a Cornell University family life specialist.

Unemployment and income variability cause less strain on families today than during the Great Depression of the 1930s, "but if the economic safety net keeps being dismantled, the effect on families could be devastating," warns Christiann Dean, a Cornell Cooperative Extension specialist in human development and family studies.

It used to be thought that only a small segment of the population suffered economic stress, but a recent study by a Cornell consumer economist suggests that income variability is much more common than income stability in families.

If families don't have strong, healthy relationships and supportive social networks, the negative impact of such economic stress on families can be profound, said Dean.

"Research suggests, however, that events that can cause extreme stress in one family would hardly precipitate a crisis in another family," said Dean. That means that some families have certain mechanisms that help them cope better with stress.

Families during the Great Depression, for example, suffered more from unemployment. Many families today are protected by unemployment insurance benefits and have a different attitude toward work. In the past, many men viewed unemployment as personal failure. Today, more men are objective about the economic plight that their families endure, realizing that many factors are beyond their control.

"Unfortunately, though, many men–particularly farmers who are under economic stress now–still view their economic problems as a personal reflection of their abilities rather than acknowledging that their adverse circumstances are caused by factors beyond their control," she said.

Another reason why families during the Great Depression suffered more from economic stress was that more families had rigid sex roles than they have in the 1980s. As a result, it was much more difficult for men to accept wives working when their husbands could not.

Modern families that have rigid sex roles also tend to fare far worse under stress than families in which sex roles are more flexible. Also, the stronger the family, the more invulnerable it is to stress.

What characterizes a strong, healthy family?

"Such a family enjoys one another's company, accepts and appreciates one another, and openly communicates feelings and gripes with one another," Dean said. "A very important quality of strong families is the sharing of power. Families that are democractic in decisions and money matters, for example, are usually much more cohesive than families in which there is unilateral decision making."

Other factors that contribute to healthy families include the ability to resolve conflicts, the regular experience of enjoyable quality time together, and a good family spirit.

Just as family dynamics are important for coping with stress, so is the social fabric that embraces the family from the outside, Dean said. When families have a strong network of friends and relatives that readily gives support in good as well as bad times, families have been shown to be more resilient to stress.

It's very important for family, friends, and neighbors not to wait for a crisis to give or receive support. That way, networks are building on one another's strengths rather than trying to 'fix things up' when something goes wrong," Dean pointed out.

Unfortunately, this "deficit model" of helping families only when they are "impaired" is pervasive not only in society but among interpersonal relationships. Children are given extra help in reading, for example, only after they have been declared disabled; families are given public assistance or counseling only after there has been a crisis or severe need demonstrated.

"Strong families are best built upon strengths that are already inherent in the family," Dean stressed. "If a family is strong, then economic stress won't shatter it. In fact, it can bring the healthy family even closer."

Northumberland names no-till contest winners

SUNBURY – Roy Adams, R.D. 3, Sunbury, and George C. Richard, R.D. 1, Elysburg, are the first-place winners in Northumberland County Conservation District's no-till corn yield contest.

Contestants were judged in two categories. Adams was the winner of the highest yield category with a yield of 210 bushels of corn per acre. Richard was the winner of the soil type category with a yield of 92 percent higher than the "expected yield" for his soil type. Richard achieved a yield of 115 bushels of corn per acre on a Weikert soil that has an expected yield of only 60 bushels per acre.

Other place winners in the highest yield category are Carl W. Swartz, RD 3, Milton, 180 bushels/acre; Bernard Gallant, RD 1, Turbotville, 173 bushels/acre; Joseph S. Hilbish, RD 1, Northumberland, 173 bushels/acre; and Robert and Gary Truckemiller, RD 1, Watsontown, 168 bushels/acre.

Other place winners in the soil type category are Leon and Neal Wertz, RD 5, Danville, 80 percent above expected yield; Roy Adams, 75 percent above expected yield; Stanley Crone, RD 6, Danville, 65 percent above expected yield; and Joseph Hilbish, 44 percent above expected yield.

The contest was open only to no-till corn. Fields submitted had to be at least five acres in size and located in Northumberland County.

Monday is Seniors Day at Farm Show

HARRISBURG – Monday, January 13 has been designated Senior Citizens' Day at the 70th Pennsylvania Farm Show, being held January 12-17, 1986 at the Farm Show Complex.

"Pennsylvania's senior citizens are an important resource of the Commonwealth and Pennsylvania agriculture," said State Agriculture Secretary Richard E. Grubb. "Dedicating Monday of this historic event is one small way to honor these men and women. We hope our senior citizens can attend the show, enjoy the delicious foods, exhibits, livestock and demonstrations that are part of the huge exposition," he added.

A Senior Citizens' Corral will be set up at the main entrance of the Maclay Street side of the Complex in a joint effort between the Departments of Agriculture and Aging. "Senior citizens are invited to use the Corral to rest, relax, have a drink and snack during their stay," Grubb said. Farm Show information will be available free at the Corral.

Senior Citizens' Day will wind up with activities celebrating Secretary of Agriculture's Night, when Secretary Grubb will present an award recognizing the Pennsylvania Farm Family of the Year. Other presentations include the 70th Farm Show Theme Award and Pennsylvania Farm-City Awards.

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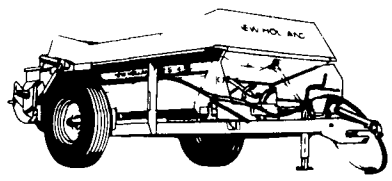

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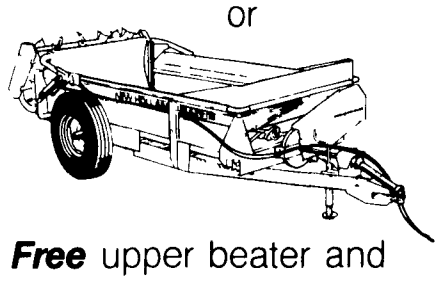

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Broccoli boom spurs variety research

NEWARK, Del. – Most of the broccoli now grown in Delaware is destined for local sales, with a few shipments going to terminal markets. However, some area food processors have expressed interest in developing the crop for freezing, in response to a dramatic increase in per capita consumption of broccoli over the past 10 years.

No commercial contracts for broccoli are presently available in Delaware. But if a broader market should develop, processors and farmers will both need to know which varieties grow best under local conditions.

In order to identify varieties which show promise as a fall crop on Delmarva, University of Delaware extension vegetable specialist Ed Kee planted a broccoli trial last August at the university's substation farm near Georgetown. Twenty-five varieties were involved in the trial. Besides collecting data on central head yields, sideshoot development and maturity dates, Kee sent samples to a cooperating food processor for color and quality evaluations. He will report on results of the trial during the upcoming annual meeting of the Delaware Vegetable Growers Association January 21 and 22 at the Sheraton Inn in Dover.

"Broccoli has become a hot crop in other parts of the country," Kee says. He cautions Delaware farmers to keep this in mind before investing in it. Maine farmers, for example, now plant nearly 3,000 acres a year as an alternative to potatoes or for additional income. Broccoli matures there in the summer and most of the crop is shipped throughout the Northeast for fresh market use.

"Other states have also increased their broccoli plantings for both local fresh sales and shipment," the specialist says. "Hopefully, this interest won't create a market glut, but it's a reason for Delaware growers to be cautions as they consider the crop."

From the standpoint of total output, California's Salinas Valley is the broccoli capital of the U.S., Kee says. Dr. Jim McPherson of Peto Seed Co. will present a report on broccoli production in that area Tuesday afternoon, January 21, during a general session at the Delaware Vegetable Growers meeting. Kee will report on the results of last fall's Delaware extension broccoli trial during that same session.

University of Delaware vegetable specialist Ed Kee notes broccoli varietal differences with local growers at the Georgetown substation.

Ida's Notebook

Ida Risser

The end of the year is a good time to look back over the past months and count our blessings. It has been said that even if you can only get out of bed in the morning, you should be thankful. And, most of us have so much more to be grateful for.

Our families are always concerned about us even if they are far away. Then too it is so nice when they can manage to come back to the farm and help their parents.

Don't forget our health. We can expect a visit to the doctor or dentist once in a while. But most of the time our complicated body runs smoothly all by itselt without a thought from us.

This year I had a lovely trip to Hawaii and met new friends. Our son was married in April but still hasn't found a permanent home. He works at the University of Maine and his wife works in Atlanta, Ga. So, as they say, they are supporting the airlines and the phone company as they visit each other.

My garden gave me a bountiful harvest and both freezers were full. However, they surely don't stay that way. At least, I had room to store the Christmas cakes and cookies.

During the summer, we spent a week at Black Moshannon State Park in a log cabin and that was a new experience. We also took time to visit mu husband's college roommates in other states.

The years roll by quickly and we can only hope that they will bring us more good than bad fortune.

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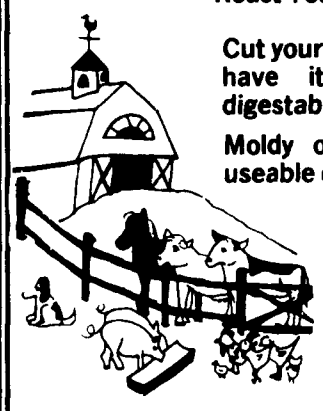

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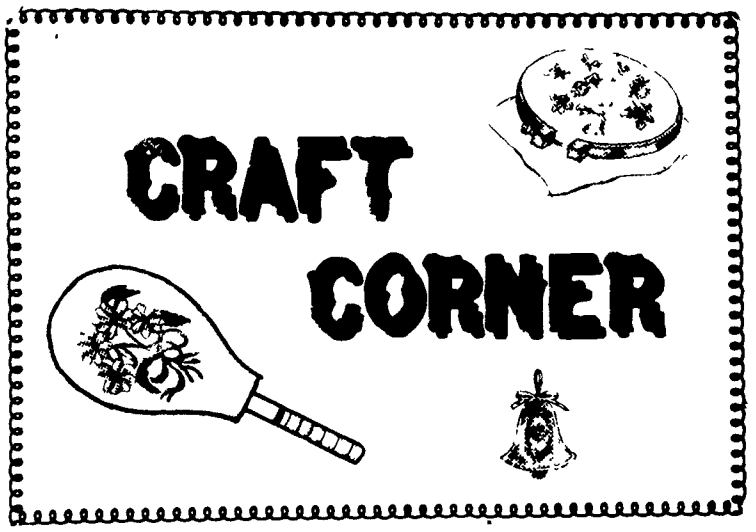


The elegance of theorem painting

BY WENDIE R. BLANCHARD
Copley News Service

There was a time when wealthy Colonists commissioned artists to paint subjects such as fruits and flowers on velvet or fine cloth for display in dining rooms, kitchens or over mantelpieces.

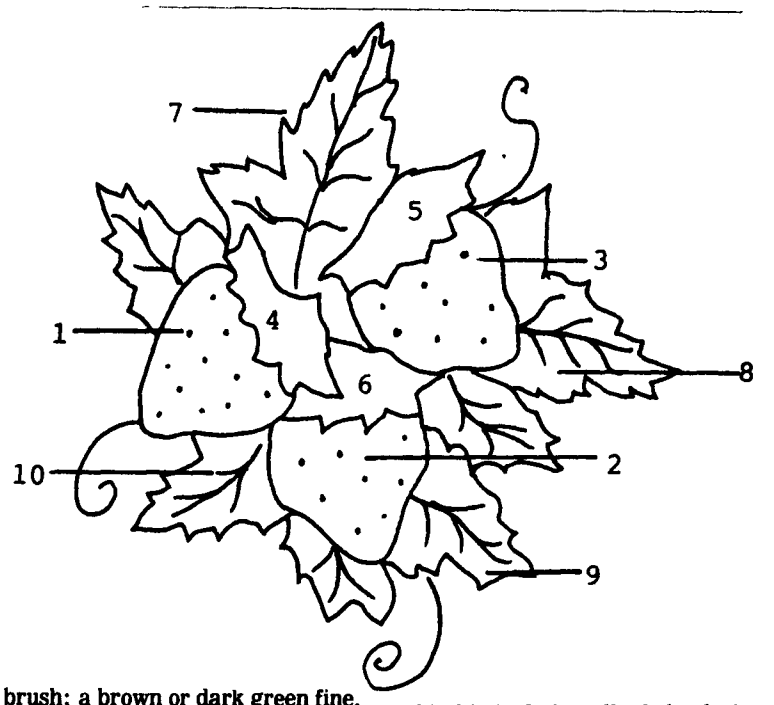
This process, known as theorem painting, was once the art form of a simpler time in America, but is now gaining renewed interest with weekend stencilers. Designs such as the strawberry illustrations here are painted using the same gentle brush stroke one would use when applying "blush-on" cheek highlighter.

The stencils, though very similar to those used with today's more familiar stenciling techniques, are "arranged" more than placed and very often overlapped to lend a feeling of depth to the final painting. Additionally, the shading effects are created by leaving the center area of the stencil almost paint free. This shading creates the "shiny" blush of the theorem painted picture.

Anyone who has stenciled even once can do theorem painting. Remember, a little awareness at first is just part of the learning process. After all, the first theorem painters were self-trained and worked with only basic tools and still produced wonderfully unique designs of lasting charm. You can, too!

Materials

Muted stencil paints in red, green and maroon; small stencil brush; a brown or dark green fine, felt-tip marker and Classic Crafts "Country Fruit" theorems kit.



(This kit includes all of the fruit patterns traditional to the country look, velvet and theorem sheets. For more information, write "Classic Crafts," P.O. Box 267, 354 W. Moorestown Road, Nazareth, PA 18064.)

General Instructions

Trace the theorem shapes onto stencil material and carefully cut out the shapes. Leave at least 1 inch between each element. Next, trace the design pattern onto the center of a sheet of tracing paper.

Transfer all numbers onto the pattern sheet as shown on the illustration. These numbers indicate the order in which each item is to be stenciled. Place the velvet or flocked theorem paper on a work surface with the pattern on top. Center the design.

Find strawberry No. 1 and place the stencil over the top of the pattern, carefully positioning the stencil shape exactly. Now gently pull out the pattern sheet from between the stencil and the flocked paper. The strawberry is now in position to be stenciled.

The trick in creating a professional-looking theorem painting is in the application of the paint. It is very easy if you remember to use your brush in the same manner as if you were applying blusher or eye shadow.

Use a soft brush and a soft stroke that blends the paint. Lightly run your brush around the outside edge of the strawberry in one continuous circle over and over moving toward the center, but still allowing it to remain white. This creates the look of shine. Never fill in the form completely or too heavily with paint.

To paint the second berry, reposition the pattern sheet and place the stencil over the top. Gently remove the pattern sheet and the second stencil is ready for painting. The rest of the theorem is done in the same manner until the entire painting is complete.

Additional details are added with a soft brown or dark green felt-tip marker. Never use black, because the effect is too harsh next to the soft brush work. Try not to get too carried away with the details or you will begin to lose the authentic look you are trying to create.

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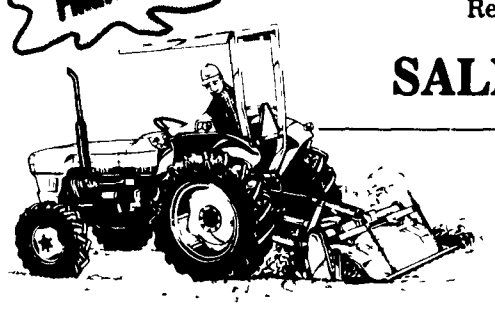

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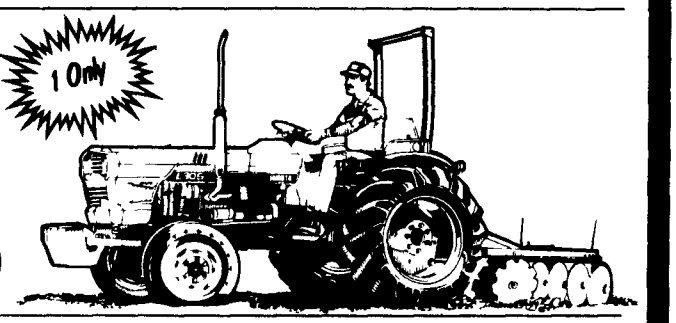

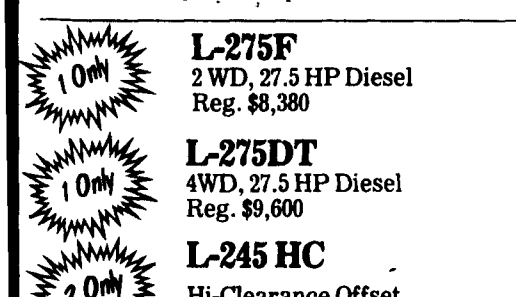

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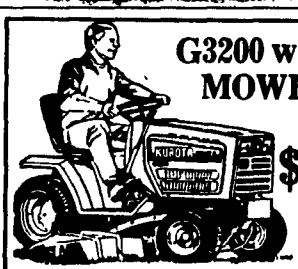

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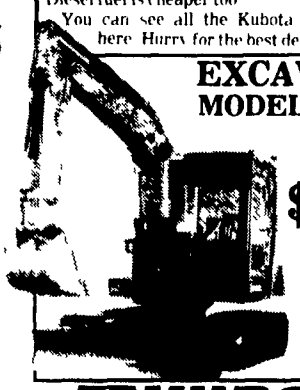

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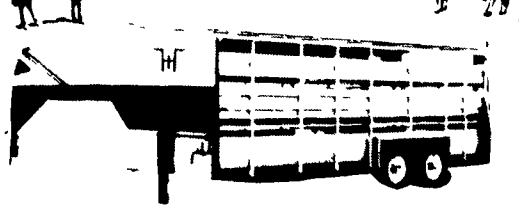

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Jackie Greenfield, right, of Bur Oak Farm, Howard, sells herbs, flowers and vegetables at her stand during last year's market season.

State College market gardeners make plans

BY SALLY DUNMIRE
Staff Correspondent

STATE COLLEGE – The State College farmer's market is over now for this year, but the market gardeners are still busy. They are hard at work clearing off the spent vegetation and making plans for next year while ideas are still fresh in their minds.

Jackie Greenfield of Burr Oak Farms, Howard finished wholesaling herbs and vegetables to State College area restaurants just ahead of the first killing frost. Jackie was pleased with her market year.

"We broke even this year for the first time in five years. That doesn't sound like much to some people, but we have learned what sells, and I hope to be able to pay myself a wage next year. We plan to concentrate even more on herbs. They sell well in the State College area with so many different cultures living here."

For the '86 market year, Jackie plans on applying to the indoor Carlisle or Harrisburg farmer's market, selling potted herbs from her garden until Christmas time to supplement what she moves at the State College market.

Her best selling herbs, both fresh cut for cooking and potted as plants, were thyme, parsley, rosemary, oregano, chives, lemon thyme, tarragon, and the mints. Fresh flowers and vegetables will still be offered among her wares.

"I've reached the limit of what I can keep up with in the field myself," she said. Jackie and her husband have a rather unique arrangement with their friends. According to Jackie, "Our friends swap their time for all the vegetables and fruits they can use for the week. We need two or three to help out for spring planting. Later, one will come out to help harvest.

"Six people on different market days will sell at the stand. They help because they like the social event of market day and they enjoy the fresh produce. Nobody takes advantage, so they take what they can use."

This system has worked well for Jackie, but for '86 she and her husband are thinking of hiring a part-time field hand, maybe for room and board.

In addition, to their two acres of vegetables, flowers, and herbs, the Greenfield's have a quarter acre in small fruits. This market year, Jackie offered gooseberries, currents, and black raspberries.

"The raspberries were like gold; they were real good sellers," she said. "We sold them for $2 a pint and always sold out. In two years we'll have blueberries and filberts to offer also." Expanding their market acreage is the plan for the Greenfields.

At the McCarthy residence, Aaronsburg, garden cleanup and greenhouse preparation for winter are well under way. Jean McCarthy has been a market gardener for 10 years, with the assistance of any son or daughter who could be "pressed into service."

"I started out selling garden produce to area restaurants and at the farmer's market. The greenhouse went up six years ago," Jean said.

Before taking the plunge, Jean took two years to look at different companies' greenhouses. She also wisely made sure she had a ready market for all that lettuce by contacting the produce managers at restaurants, Weis Markets, and O.W. Houts. Jean settled on a hydroponic kit containing a full size quonset type two layer poly greenhouse.

"I wasn't completely utilizing the greenhouse space with lettuce, so I started growing herbs, especially sweet basil."

These days, her inventory includes flat parsley, dill, rosemary, the mints, and a little sage. "The fresh dill, parsley, and basil sell real well. Basically,, we give it a try, if it sells well, we keep it."

Along the way, flowers were added to grace area restaurant tables. Bedding plants were started in the spring, for sale at market–a few were wholesale to O.W. Houts.

"I don't raise lettuce anymore. I can't compete with the big growers in California, Florida, even Virginia, on price," said Jean. So she converted her lettuce house to raising vegetables, flowers, and herbs.

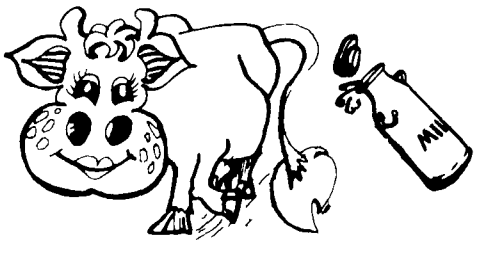
During the outdoor growing season, Jean and her crew grow a complete line of the common vegetables, except potatoes, plus herbs and flowers on a one-acre garden. Two acres go into sweet corn which goes for wholesale to restaurants and retail at the summer farmer's market. Her three daughters helped man the stand this season, spicing up the variety with their own home baked goods.

Soon, Jean will be opening yet another outlet for her plants and produce, a florist shop in Boalsburg. "We plan on stressing fresh cut and dried flowers, plus arrangements and plants. I hope to grow as many of them as I can in my greenhouse--snapdragons, gerbera daisies, lisianthus, bedding plants, some foliage and flowering plants. We'll buy wholesale what I don't have room to grow."

Will Jean be at the State College market in '86? "I'll have to wait and see. My six children are growing up and they'll have jobs of their own. My husband, Robert, is professor of food science at Penn State. He has his own thing."

For sure market gardening can turn into a way of life. Jean summed it up by saying, "I don't know if an accountant would tell me I have earned a lot of money, but I like to do it."

Being your own boss, even though the work is long and hard, has its attractions. Jackie's been at it for five years, Jean for 10.



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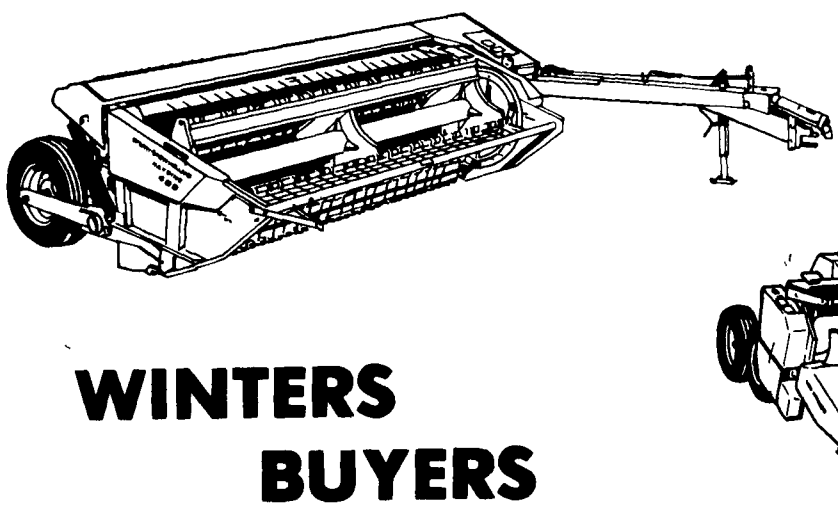

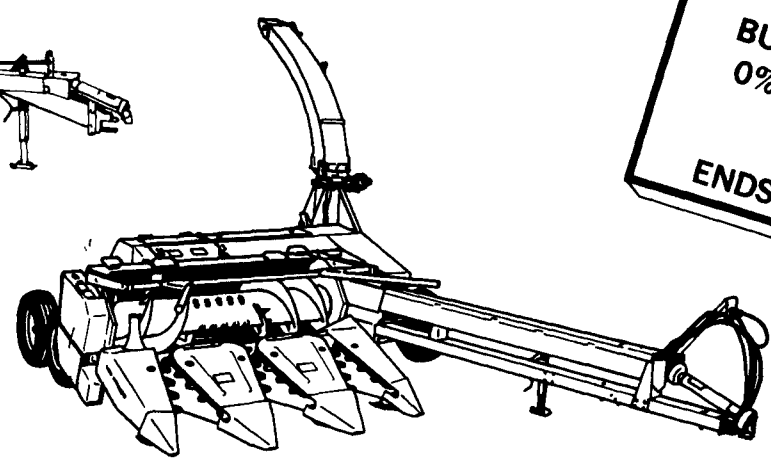

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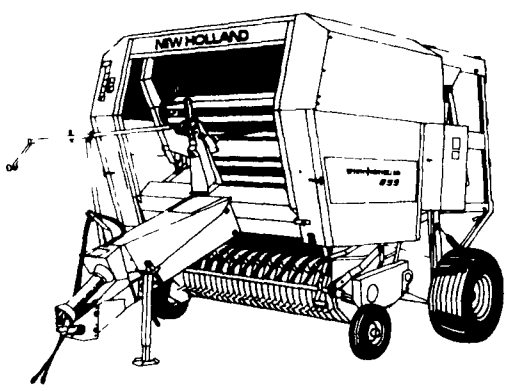

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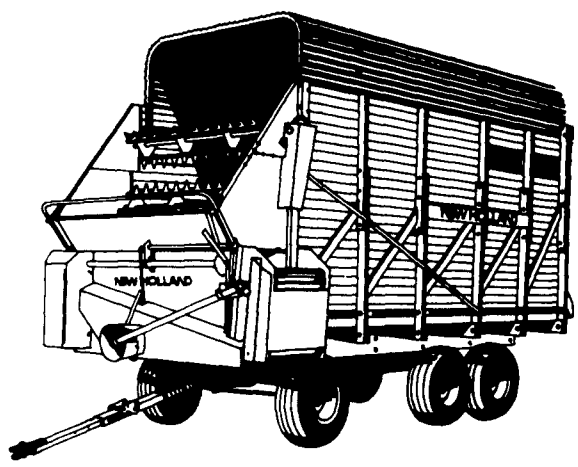

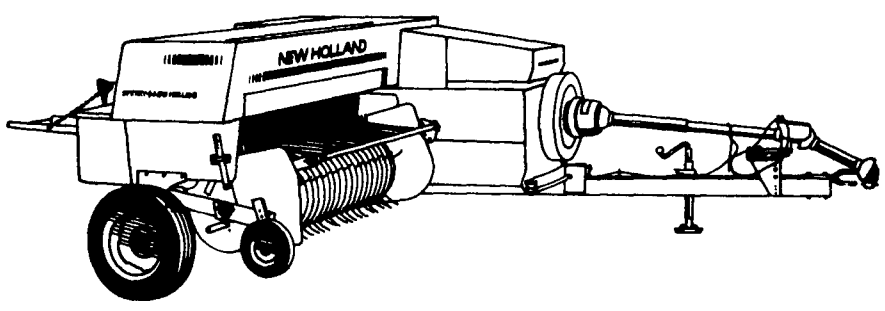

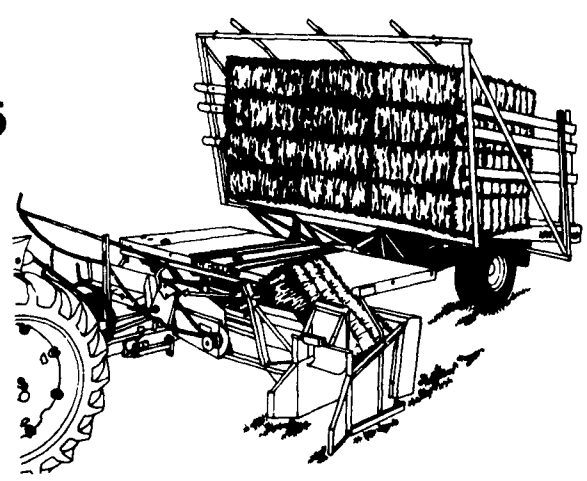

Farm Women Societies

Lancaster Society 3

Members of Lancaster Society 3 held their Christmas meeting at the Zion United Church of Christ, Lincoln, with Debbie and Jane Gregory as hostesses.

During the business meeting Alice Trumbauer reported that the Cancer Committee made 26 bed pads, 85 small size pads and 152 pamper size pads. Members visited several older members, singing carols and giving them poinsettias.

All members are asked to attend a special meeting on Jan. 6 at the Cloister Restaurant at 7 p.m. to discuss plans for the society's stand at the 1986 Ephrata Fair.

The program for the day was presented by Clint Hammond of Lancaster. After the program society members exchanged gifts.

Program books for 1986 were distributed. Officers for the coming year are: president, Erla Gehman; vice president, Florence Vaitl; secretary, Alice Leininger; corresponding secretary, Linda Bell; and treasurer, Sara Stober.

The January meeting of the society will be held at the home of Anna Hoover. State Convention delegates will give reports and the group will review their bylaws.

Lancaster Society 6

Lancaster Society 6 held its Christmas party on Dec. 14 in the fellowhip hall of the Elizabethtown Church of the Brethren.

Members and their guests enjoyed a "carry in" dinner, then listened to the story of George Frederick Handel, the composer who wrote "The Messiah."

Verna Kuntzelman, Jean Leicht, Mrs. Ralph Coleman and Anna Ruth Hess gave a program on their trip to Japan.

Yearbooks for 1986 were distributed.

The next meeting will be on Jan. 4, when a representative from the Water Street Rescue Mission will present the program.

Lancaster Society 7

Lancaster Society 7 met on Dec. 14 at the home of Esther Hoffer, Lancaster.

Twenty members answered roll call by giving a recipe for their favorite cookie. Several members will be attending the State Convention in Harrisburg on Jan. 13 and 14. The group will be going to Conestoga View on Feb. 20.

Mary Lauver gave a program on "Candle Symbolism."

The next meeting will be on Jan. 11 at the home of Edna Jean Homsher, Ronks.

With proper care, wool has longevity

HARRISBURG – Whether you pay $25 or $250 for a dress or suit–your goal is a well-groomed, attractive appearance. Good quality American woolens are worsted, properly chosen, can give you years of classic wear–if you take proper care of them.

"Wool that is good to you asks only for a little kindness in return. The Woolmark label means no special coddling is necessary, but ordinary, common sense care should be taken as a matter of course" according to Joan Liesau, coordinator, Pennsylvania Meat Marketing Program. "Learn to dress in the fabric suited to your activities. For example, don't carry rough parcels against a soft, fine textured material."

Avoid horizontal skirt wrinkles in front and "sitting out" in back by wearing a taffeta slip, or adding a firm lining to unlined garments. Lines will also keep trim by unbottoning a tight coat when you must sit in it for a period of time.

After removing your wool suit, dress or coat, give it an airing and rest between wearings and most of the wrinkles will naturally disappear in 24 hours. With this rest the tiny wool fibers, with their unique elasticity, will return to their normal position. Meanwhile the natural moisture of the air actually revives the fabric's texture.

To quickly refresh a wool garment after wearing or unpacking, hang it on a shower rod over a hot tub or water, until the wrinkles are steamed away. Hanging is very important too! Pants should be hung by the cuffs, skirts by their waistbands. Make sure garments are buttoned, zipped and snapped into position to keep the grainline in place. This will cut down on the need for pressing and adds to the life of your wardrobe.

Because wool is a living fiber, fresh air and a quick brushing will revive a tired garment. A firm-bristled brush, used briskly will get rid of solid particles, fluff the nap and rejuvenate the surface "bloom" or face of the wool fabric. You can use the soft brush attachments on your vacuum cleaner to remove lint and prevent soil particles from becoming embedded in the fibers. Wool's freshness can be restored with an occasional light sponging. Dip the sponge in cool water, squeeze until nearly dry, then go over the garment. Rinse sponge frequently.

Should a spot occur, immediate treatment is always best. For food or alcohol spots, place towel under are. Fizz soda water over and rub gently toward the center of the spot. Ink or red wine can be removed by immersing the fabric in cold water. Lipstick may often be erased by rubbing white bread over the area with a firm gently motion.

By using wool wisdom, your garments can be beautiful season after season with a few imaginative changes from time to time. Wool is a wise investment, the fabric of good life.

Lancaster Society 34

Members of Lancaster Society 34 met on Dec. 16 for their Christmas party and meeting. The social committee provided food and games for the evening.

Secret Pals were revealed. Everyone received homemade sheep from society president Khay Rutt and Christmas baskets from the social committee.

The next meeting will be Jan. 20 at the home of Joyce Halloways with Joetta Wolgemuth as cohostess. Members should bring a project to work on after reviewing the bylaws.

F.W.S. Calendar

Saturday, December 28

Lancaster Society 4 meets at Salunga Fire Hall at 12:15 p.m. for a Christmas covered dish luncheon.

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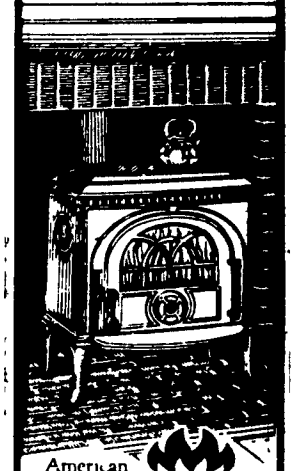
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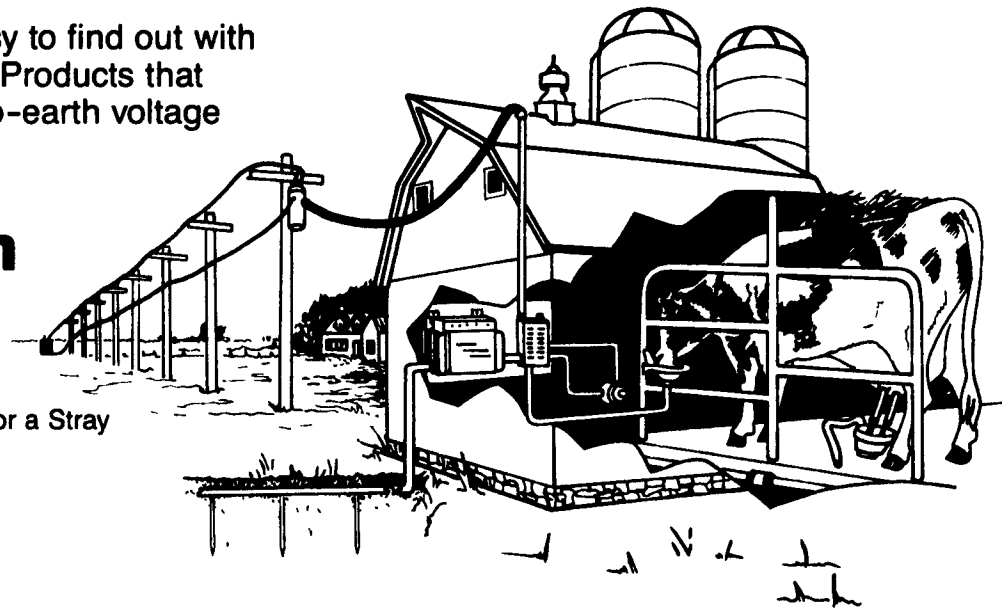
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4-H'ers give demonstrations at safety activity

TANEYTOWN — Four-Her's from all over Carroll County, Md., and Adams County, Pa., invaded Southern States Taneytown Coop., Inc. on Dec. 2, 1985 to give demonstrations.

For at least 16 years Southern States Taneytown store at York and Commerce Streets has been the site of some sort of Christmas "Safety" Activity sponsored by the local cooperative's Farm Home Advisory Committee and Southern States Taneytown Coop., Inc.

This was the second year the 4-Hers performed their project demonstrations for the community.

The following 4-Hers presented their demonstrations from 9:15 a.m. to 3 p.m. while the audience was seated amid the shelves of the feed store paraphenalia.

The first two demonstrations were from Kingsdale 4-H Club of Adams Co., Pa. Tina Rodgers showed many different kinds of candy to make. Jim Rodgers of Kingsdale 4-H Club demonstrated how to make Pilgrim Harvest Bars.

All of the other 4-Hers were from different parts of Carroll Co., Md. Dorothy White of Silver Clovers 4-H Club told how to make a wreath using blue jeans and pines.

Lisa Matzke of Silver Clovers 4-H Club showed how to make unbreakable Christmas balls called Quilted Christmas Ornaments.

Yung-Soon Marr of Winfield Panthers 4-H Club demonstrated the special technique used in "Stenciling."

Beth Leidy of Rolling Clovers 4-H Club showed how to make a nutritional Apple Pizza which she heated up in the store's Microwave Oven for everyone to taste.

Joy Shandrowski, Sam Martin and Steven Hoare of Taneytown 4-H Club made samples of their nutritional snack "No-Bake Peanut Butter Logs" for everyone to taste.

Debbie Tasto of Deep Run Clovers 4-H Club showed her prize winning t-shirt that she had decorated with liquid embroidery.

Emily Metcalf of Pleasant Valley 4-H Club showed how to put a new twist to drinking milk and orange juice together in a very nutritious way, called "Banana Orange Frost;" she served it with graham crackers.

Dawn McCormick of Carroll County Rabbit Club brought in her French Lops and informed everyone about raising and judging of show rabbits.

Carrie Showalter of Hillsdale Youth had a display of toys and things for little children to do, along with well illustrated posters entitled "Kids Are People Too."

Denise Frebertshauser of Hillsdale Youth demonstrated how to make an "Omelet."

Dana Daniels of Winfield Panthers 4-H Club brought in her Rex Rabbit and told how to care for them.

Shelley Yingling of Deep Run Clovers 4-H Club had a demonstration entitled Forevergreen. She showed how to make a cactus out of fabric.

Kristine Utz of Deep Run Clovers 4-H Club demonstrated how to make rose potpourri.

Gwen Martin of Taneytown 4-H Club demonstrated how to make Victorian hats, fans and potpourri to hang on the Christmas Tree.

Dollie Tasto of Deep Run Clovers 4-H Club demonstrated how to decoupage.

The last demonstration of the day was given by twins Kathy and Karen Weant of Taneytown 4-H Club; they showed how to do glass etching and how to make bath salts.

Each of the 4-Hers that gave a demonstration received a certificate of appreciation for participating on our Christmas Festivity and Visual Presentation Activity. Also as part of the safety program was Barbara Smith RN, who took blood pressure checks from 10 a.m. to 1:30 p.m.

Most Americans overdo sodium intake

CAMP HILL — Most people probably wonder if they overdo their salt intake. But do those healthy individuals with no potential health problems ever wonder if their salt intake is sufficient to carry out bodily functions?

Sodium is an essential nutrient, says Dairy Council Inc., Southampton. It helps to regulate blood pressure and the volume of blood, controls the amount of fluid around the body's cells, is essential for contractions of heart and muscles, and for sending of nerve impulses that let us feel, for example, temperature and pressure.

The exact amount of sodium required by humans is difficult to establish. Sodium needs can vary from person to person and depend on age, environment, temperature and humidity, and level of physical activity.

You get sodium from the foods you eat. Almost all foods contain small amounts naturally. The biggest single source in your diet is sodium chloride–better known as table salt.

Other sources are processed foods (canned foods, frozen dinners, convenience foods, snack foods); fast foods (fish, burgers, fries, and chicken); drugs (aspirin, antacids, laxatives, sleep aids); cooking ingredients (onion salt, garlic salt, MSG, soy sauce); and even drinking water (softened water is higher in sodium than unsoftened water).

Because sodium is so readily available, most of us don't have to worry that we aren't consuming enough. And for most healthy Americans, sodium is not a particular problem. Your body can take care of changes in the amount of sodium you consume. If you consume only a little, your kidneys will save it. If you consume more sodium than your body needs, your kidneys will eliminate it.

Most Americans do, however, consume too much sodium. The Food and Nutrition Board of the National Academy of Sciences calls from 1,100 to 3,300 mg. of sodium a day a "safe and adequate amount."

But Americans do consume up to 6,000 mg. daily and sometimes more. An average intake has been set somewhere between 3,600 and 5,850 mg. daily. And this is where the trouble may begin.

For a small percentage of people, high sodium intake may lead to a rise in blood pressure–which, in turn, can cause hypertension. This is a very complicated disease and scientists do not know exactly what causes it. It isn't true that, by avoiding salt and other food items containing sodium, everyone can avoid getting high blood pressure.

A variety of factors influence the development of hypertension–heredity, overweight, smoking, eating habits, lack of exercise, and stress. There is no one cause of the problem, nor is there a single cure. Each case must be examined individually to identify contributing factors.

Do remember that high blood pressure is a silent killer. So have your health status and blood pressure checked regulalrly. And follow any prescribed diet the doctor may give you.

You should also be aware that no special food or diet can protect you from a chronic disease like hypertension. Your best bet is to practice moderation in food intake.

Simply eat a variety of foods from dairy, meats, fruits/vegetables, and grains groups, says Dairy Council, watch the amount of salt you add in cooking or at the table, and remember, your total food intake and lifestyle affect your blood pressure.

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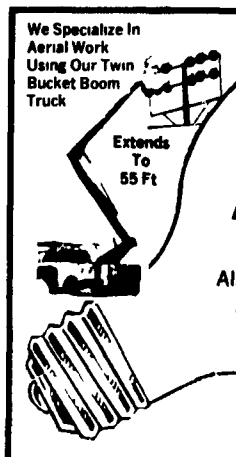

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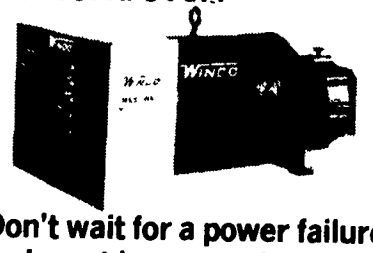

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Is your home suffering from "sick building syndrome?"

EBENSBURG — With the fading daylight hours comes the sniffles, sneezes and coughs of the "cold and flu season." If you're wondering whether to dose up on orange juice, you might consider the likelihood that some winter ailments may directly result from the "sick building syndrome."

Researchers and health officials are becoming increasingly aware of a relationship between recurring health problems and the quality of the air inside our homes and workplaces. Symptoms include chronic headaches, dry and sore throats, fatigue, drowsiness, eye irritations and even nausea.

Some groups of people are more likely to suffer ill effects from the pollutants common to "sick buildings." Newborn infants and young children, the elderly, and individuals who suffer from chronic respiratory difficulties are more susceptible.

Dr. Phyllis A. Barner, extension home environment specialist at the Pennsylvania State University, says the problems can become especially acute when we weatherize our homes to keep out the winter cold. "Poor ventilation, especially in tightly sealed homes, compounds the problem," says Barner. "For a healthy environment you need to ensure that at least half the air in your house is exchanged each hour."

Barner says that getting this air exchange can be as simple as opening the upper portion of a window for about five minutes once or twice a day. A one inch opening at the top of the window will let accumulated moisture and stale air escape. If the occupants are suffering severe symptoms, Barner suggests this method several times a day and, weather permitting, opening more than one window to create a cross-draft.

Although some indoor pollutants result from the geographic location of the house, most are related to conditions within the residence. Some of the culprits are poorly vented wood, coal or kerosene stoves; tobacco smoke; fireplaces, household cleaners, solvents, sprays and pesticides; and building materials and fabrics.

A urea formaldehyde resin is used as an adhesive in many building products including particle board, paneling, cabinetry and furniture pieces. Urea formaldehyde is also used to treat textiles used in the home, such as carpets, draperies and upholstery fabrics. The formaldehyde in these products seeps into the air for approximately the first six months after installation.

After this initial "off-gassing" period, the formaldehyde usually "goes underground" and produces less of the irritating gases. However, says Barner, certain conditions such as the combination of high heat and humidity can trigger the formaldehyde vapors to come out of their dormancy and begin off-gasing again. In these cases, the second bout of off-gassing can produce more concentrated pollutants than the first.

Barner says that the formaldehyde can be "sealed off" by using low-permeability paints. Chemical cleaners such as ammonia can be professionally applied to neutralize off-gassing. Particle board subflooring can be covered with a seamless, resilient flooring material.

When building or remodeling, Barner recommends substituting gypsum board or exterior grade plywood for particle board; wallpaper or paint for paneling; and carpet and fabrics that haven't been treated with the formaldehyde.

Barner also offers two other tips that aren't tried and true, but show promise at combatting health problems caused by indoor air pollution. First, schedule one of the daily "open-window" treatments directly before retiring to bed. This ensures that you start out with a fresh supply of air for the hours that you are inactive.

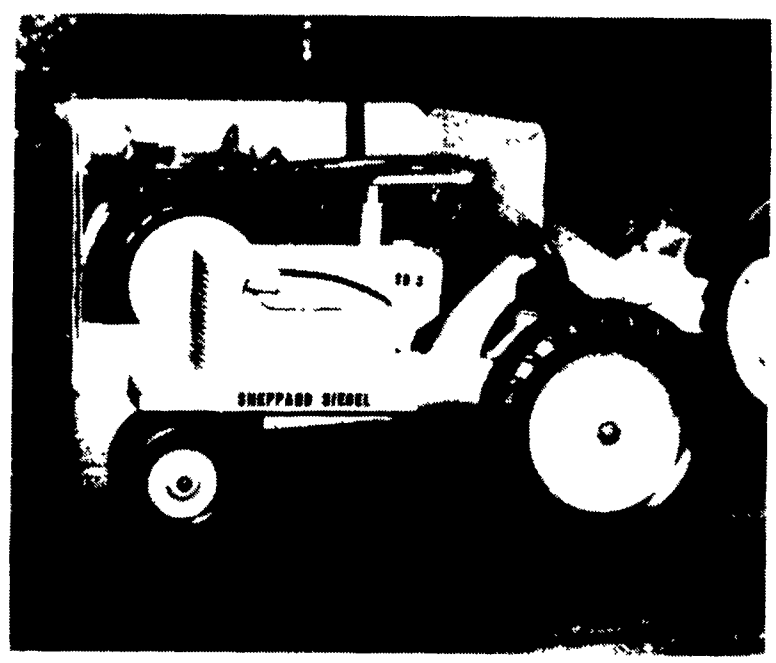
In addition, try hanging some spider plants near windows or other well-lighted areas. Researchers at the National Aeronautics and Space Administration recently reported that houseplants, especially spider plants, virtually eliminated urea formaldehyde off-gasses and other pollutants in closed areas like space stations. The findings showed that eight to 15 plants were highly effective in an area equivalent to an 1,800 square foot energy efficient home.

Direct Marketing Conference Set

DOVER, DE — The Delaware Direct Marketing Association and Delaware Cooperative Extension Service will cosponsor a half-day direct marketing conference January 10 at the Frear Federal Building in Dover. The meeting will start at 9 a.m. and end at noon.

The theme of the conference will be "Selling Your Product in 1986." The keynote speaker will be Rutgers University agricultural marketing specialist Fred Perkins with a talk on merchandising practices for garden centers. Other presentations will cover product pricing, promotional ideas and consumer trends.

Deadline for registration is December 31. A fee of $10 will be charged. Make checks payable to the University of Delaware and send them to: Extension Crops Marketing Specialist Carl German, Townsend Hall, University of Delaware, Newark, DE 19717-1303. For further information call German at (302) 451-2511.



Toy Club sponsors auction

This rare Sheppard Diesel toy tractor will be one of several valuable and antique farm toys to be sold at the New Year Day's auction sponsored by the Back-East Farm Toy Collector's Club. The sale will begin at 1:30 p.m. at the Paradise Fire Hall, Paradise, and items will be available for preview starting at 12:30 p.m. The sale "will allow collectors and others to sell their duplicate or unwanted items and also to but those desired items they want for their collections," said Club President Dave Nolt.

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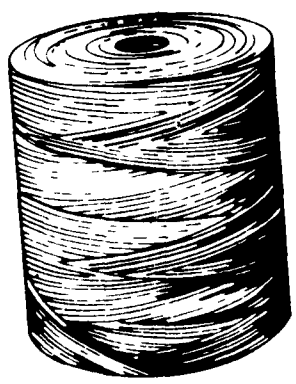

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Farmers under stress should seek help

NEWARK, Del. — Many American farmers, including some of the most efficient, today face declining cash flows, reduced assets, difficulty in obtaining credit and the possibility of losing their farms.

In the Midwest, the crisis is so widespread and well-known that farmers aren't reluctant to openly discuss their troubles. But on Delmarva many of those experiencing stress are unwilling to talk about it and seek help from extension or other sources.

More Delmarva farm families than is generally realized may be feeling financial stress. But according to University of Delaware extension farm policy specialist Gerald F. Vaughn, relatively few farm loans are seriously delinquent — perhaps because this peninsula is fortunate in having more off-farm employment opportunities than other farming regions do.

"Off-farm earnings of one or more family members may be paying a larger share of both farm and household bills and debts," Vaughn says. "If the peninsula's nonfarm economy were to slump while the farm economy also is ailing, farm failures would likely increase sharply.

"Farmers tend to wait too long before asking for help," the economist says. "When they do, it's sometimes too late. This is tragic when help is available for the asking. The earlier farmers face up to financial difficulty, the more options they'll have. Don't wait until a forced sale is the only option left."

Throughout the nation the Cooperative Extension Service is working to help farm families overcome, or at least reduce, their financial stress. This aid includes information and advice on how to improve the financial position of individual farms, as well as counseling to improve family financial management and ease the emotional and physical consequences of stress.

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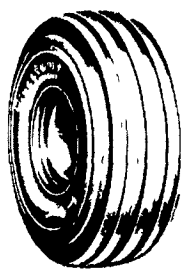

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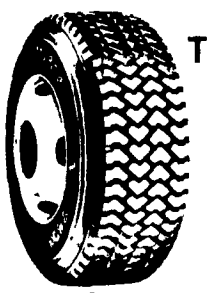

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By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Taking Inventories

Inventories should be a necessary part of your management job. Inventories are not the waste of time that some of you think they are. Let's list some of the uses of inventory.

Credit - a good annual credit inventory would be very helpful to anyone interested in having a sound credit program.

Analysis - a complete farm business analysis requires annual inventories.

Planning - an inventory can help you plan feed purchases, fertilizer purchases, etc. It can also give you a good idea of what you would have available to sell in the way of excess crops or livestock.

Sales - yes, you can often sell excess inventory. It may help pay some of those bills. Without annual inventories, it may be hard to determine the amount of excess you have.

What Should Be Inventoried?

You should inventory assests and liabilities. Some of the primary inventory items are:

Livestock - how many animals of each age bracket do you have?

Harvested Crops - grain, hay, other forage - how many bushels or tons do you have on hand?

Supplies On Hand - items purchased in prior years that still have some use.

Prepurchased Items - items you bought in 1985 for the 1986 season.

Accounts Receivable - how much have you sold that you have not received payment for.

Don't forget the negative items - particularly:

Accounts Payable - unpaid bills, especially those over 30 days old.

There are some secondary items that can be inventoried such as machinery, standing crops, buildings, and land. These are usually not as critical as the ones above.

How To Inventory

There is nothing easy or glamorous about taking inventory. Perhaps we should develop an inventory contest. Prizes could go to (a) most accurate account, (b) fastest inventory where everything was accounted for, (c) highest inventory, (d) Most Improved Inventory, etc.

One suggestion on taking inventory - get someone to help so one person can count and the other can be a note taker. Measure bins, cribs, silos, hay storages. You can often save time if you have an idea of the amount a storage will contain if it is full.

Measures

How to measure and guidelines on capacities are often considered as problems by those who make an attempt to inventory crops. I have a mimeograph with inventory guidelines. If you want a copy, just ask for it.

Register now for Corn Conference

UNIVERSITY PARK — The first annual Pennsylvania Corn Conference is slated for Mar. 11, 1986 at the Pennsylvania State University's Keller Conference Center.

Sponsored by The Pennsylvania Master Corn Growers' Association, allied industries, and Penn State's Cooperative Extension Service, the conference will feature several guest speakers and more than 20 commercial exhibits.

Speakers include Dr. Darwin Braund, director of dairy and livestock research and development, Agway, Inc.; Hiram Christopherson, director of the National Corn Growers' Association; Mike Hall, executive vice president of the Washington, D.C. office, NCGA; New York dairyman James Barney; and Maryland grain farmer Donald Lippy, Lippy Brothers, Inc.

High-efficiency production techniques and new uses for corn are among topics to be presented at the morning session. Participants can choose from two afternoon sessions–a cash grain session that will explore various methods of profiting, and a livestock session to address the question, "Corn for meat or for milk?" Exhibits will be open from 8:30 a.m. until 4 p.m.

For more information and a registration form, contact your county extension agent. Registrations must be received by Feb. 24, 1986.

Analysis of dairy farms available

YORK — During these agriculturally depressed times, farmers are searching for tools to help them do a better job of managing their farms. One such tool is the Mini-Analysis program developed for the MacIntosh computer by the Penn State Cooperative Extension Service. This program is specifically for dairy farms.

Some of the information obtained from the analysis is feed efficiency, debt repayment ability and money available for the family.

But the greatest value derived from the analysis is its ability to project the change in net income following some changes in management. For example what effect would increasing milk production by 5 or 10% have, or increasing feed efficiency by 10%, or increasing herd size without expansion of facilities.

The projected changes are shown as change in net cash income, debt repayment ability and percent of actual debt payment that is covered by the debt repayment ability.

All that is necessary for a mini analysis of a dairy farm is the same information written on the income tax forms. Only 1½ pages of input material is required.

The Penn State Cooperative Service can assist the dairy farm in the use of this valuable tool to get them through these turbulent times.

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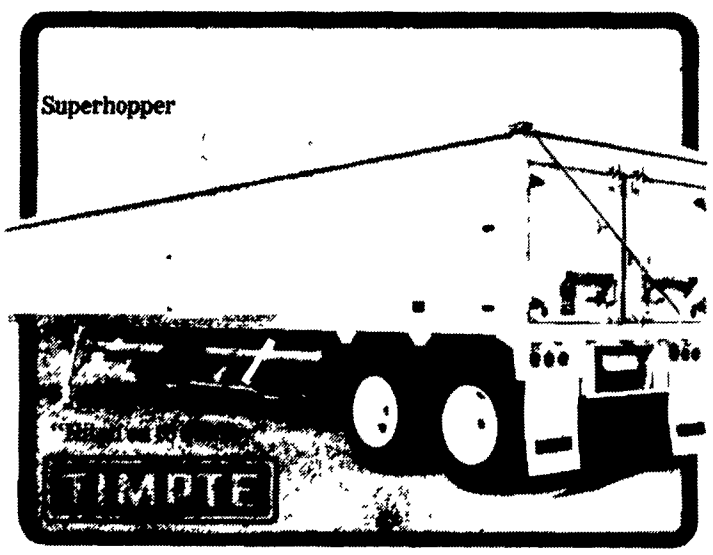

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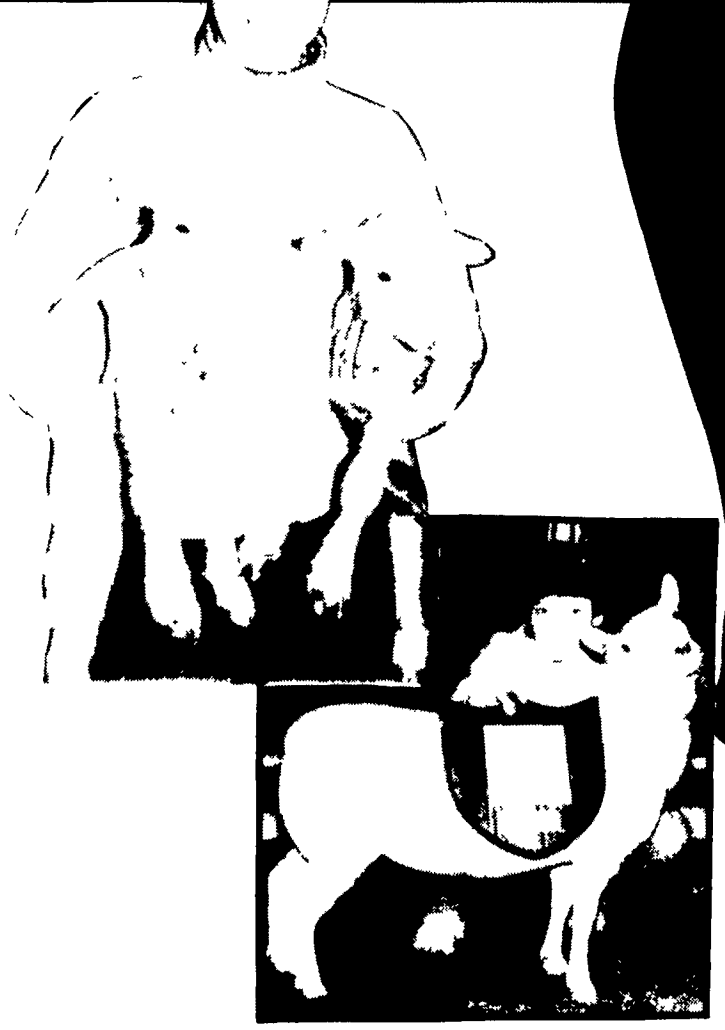
1985 Highlights



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Cornell begins bull testing

ITHACA, NY — Cornell University has begun a five-month performance test for a group of 89 young bulls now enrolled in the annual test program.

The "Class of '86" consists of 21 Angus, 3 Red Angus, 31 Polled Herefords, 9 Charolais, 22 Simmentals, 2 Shorthorns, and 1 Salers, according to William M. Greene, director of the New York Bull Test Station located at the New York State College of Agriculture and Life Sciences at Cornell.

Seventy-one bulls are from breeders in New York State, and 18 are from New Jersey, Connecticut, Pennsylvania, Maryland, Vermont, and New Hampshire.

A Cornell Cooperative Extension associate and beef specialist, Greene says that the testing program offers beef cattle breeders the opportunity to acquire bulls with superior genetic and economically important traits. The Cornell test is designed to determine such traits under unbiased, uniform conditions.

Under way since November 26, the 1985-1986 performance test will run through April 15, 1986, when the bulls will be weighed for the last time. Climaxing the program will be a public auction of some of the bulls on May 2, 1986 at Cornell.

As the official bull test station for New York State, Cornell annually tests bull calves for their performance in terms of weight per-day-of-age, average daily weight gain, structural soundness, and frame score, among other factors. The test is conducted at Cornell's Animal Science Teaching and Research Center in Harford.

Initiated in 1979, the bull testing program is sponsored jointly by Cornell Cooperative Extension, the Department of Animal Science in the New York State College of Agriculture and Life Sciences, the New York Cattlemen's Association, and the New York State Department of Agriculture and Markets.

Keep pesticide training current!

HARRISBURG — State Agriculture Secretary Richard E. Grubb today reminded pesticide applicators to be sure their training is up to date.

"Under provisions of the Pennsylvania Pesticide Control Act, all private applicators must have a valid permit to purchase or use restricted-use pesticides," said Grubb. "To obtain a permit, applicants must successfully complete an examination which adequately demonstrates their knowledge of proper use of restricted pesticides. Applicators must also receive update training at three-year intervals and provide evidence of this training to the Department's Pesticide Division before they can renew their permits," he added.

Private applicators whose permits expire September 30, 1986, and who have not received update training since 1983 are urged to contact their County Extension Office or the pesticide inspectors at the appropriate PDA regional offices in Meadville, Williamsport, Tunkhannock, Gibsonia, Altoona, Summerdale or Creamery to obtain more specific information concerning re-certification.

The Secretary said that effective September 1, 1985, the Environmental Protection Agency (EPA) began requiring manufacturers to place restricted-use labels on certain granular formulations of eight pesticides entering the channels of trade.

Chemical and trade names of the affected products include: aldicarb (Temik 15G and 10G); carbofuran (Furadan 15G and 10G); disulfoton (Disyton 15G); fonofos (dyfonate 20G); phorate (thimet 15G and 20G); ethoprop (Mocap 15G); fensulfothion (Dasanit 15G); and terbufos (Counter 15G).

In addition, any of these products in the channels of trade after September 1, 1986 must be relabeled with a restricted-use label. Individuals purchasing or applying these products must, under state law, be licensed as a private applicator, he noted.

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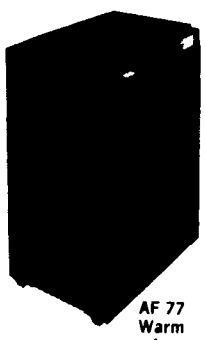

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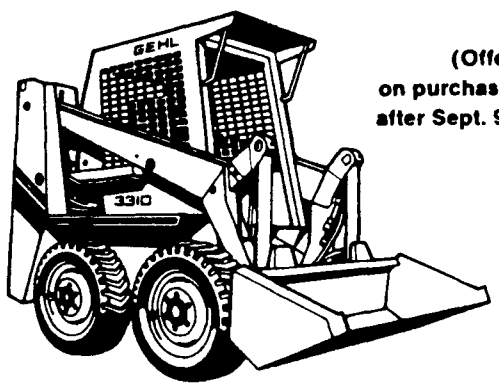

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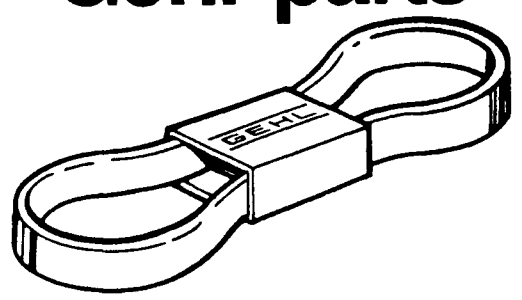

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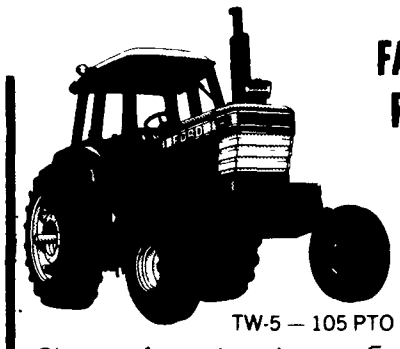

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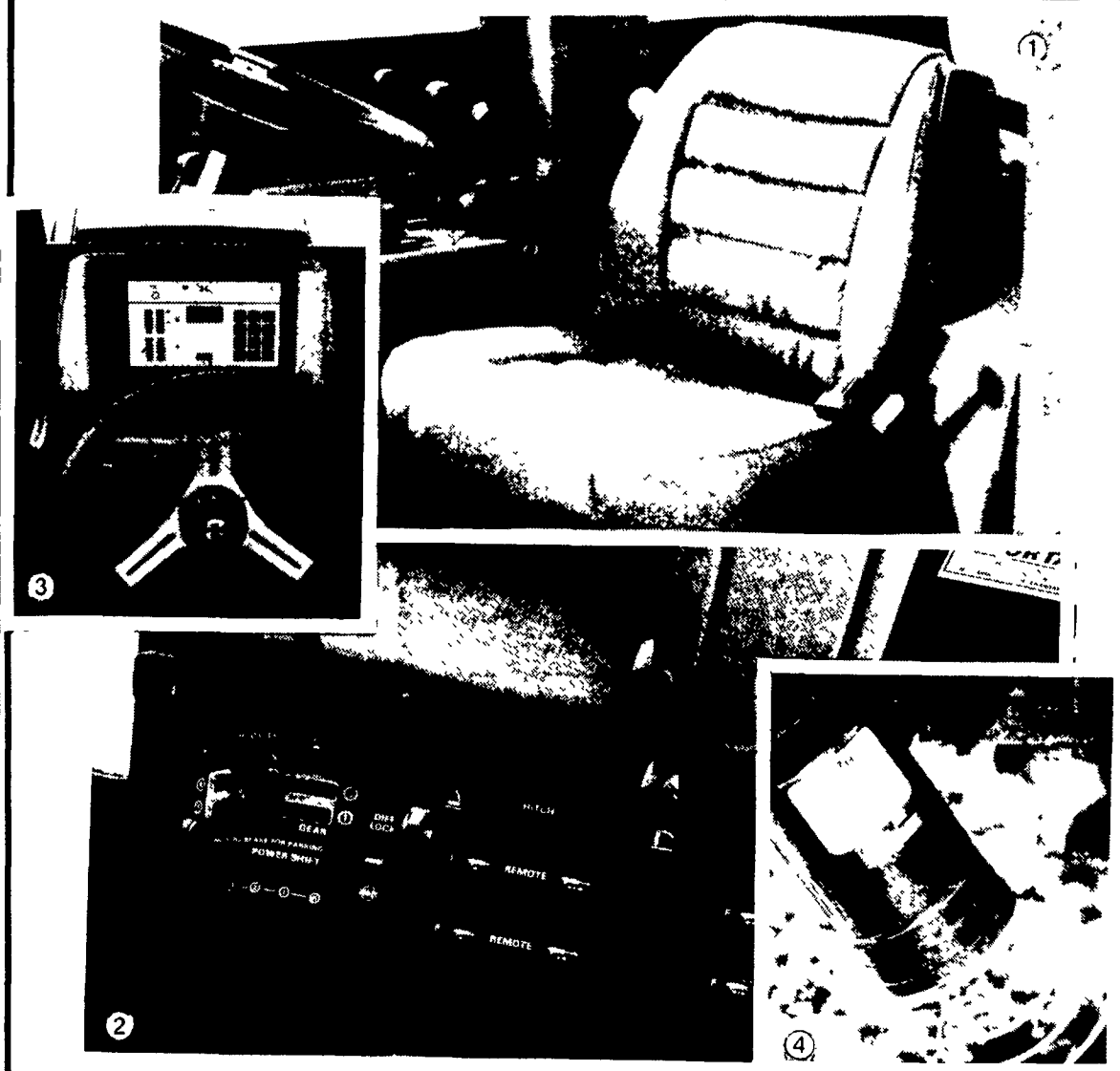

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Montgomery 4-H'ers post lamb sale results

Tonya Benzak and Kevin Rusweiler (left) representing Benzak Meats of Bethlehem were the proud purchasers of the champion lamb at the annual Montgomery County 4-H Market Lamb Sale at Perkiomenville. Benzak Meats paid a record price of $7 per pound for the champion, that was exhibited by Rob Nutt of Blue Bell. Benzak's has long been a supporter of the 4-H livestock program and will be among the buyers to be recognized by the 4-H Sheep Club at a special program in January.

Mary Black, representing Black's Livestock of Skippack, purchased the reserve grand champion Montgomery County 4-H market lamb sold at the Perkiomenville, who raised and exhibited the lamb, is a member of the Green Pastures 4-H Sheep Club.

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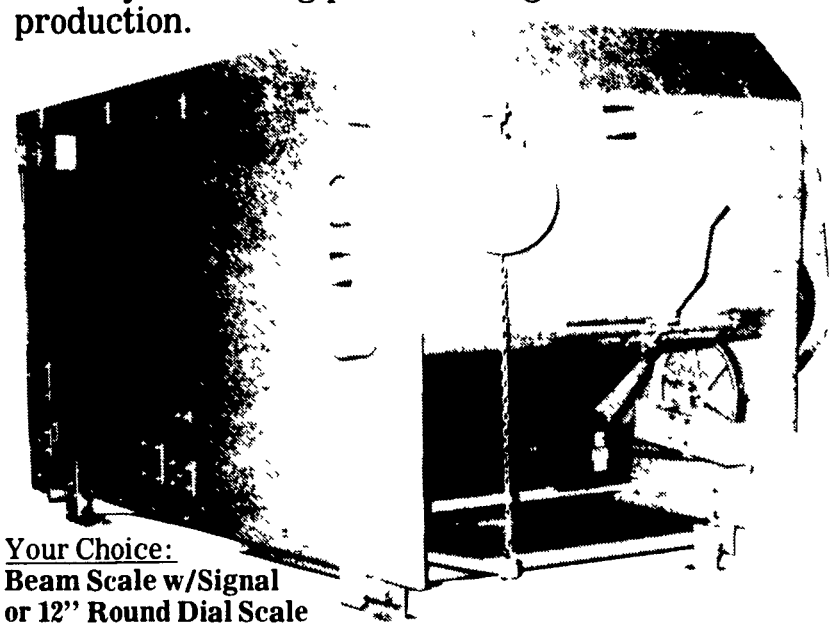

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Think before you act, it's farm safety

What's more important to agriculture than preventing farm accidents? And yet how much time does the average farmer spend thinking about or otherwise doing anything about farm safety? During the spring rush to get the crops planted and the fall rush to get them harvested, virtually everything takes a back seat. Getting the job done is the most important thing. Many times that also includes disregarding common sense farm safety. And yet what is more important?

As disastrous and as frustrating as all of the current farm economic problems must seem for an individual farm family they are nothing compared to the loss of a life or even the loss of a limb or one's vision.

Maybe farm safety is just taken for granted. Farm families assume that everything is going to be all right. Like football players they assume that they are not going to get hurt. But some football players do get hurt and so do some farmers.

And when you listen to their sad stories, you know why they got hurt. Most interview stories with farm accident victims usually point to a very clearly definable mistake the victim made.

Oh sure, sometimes it's lack of knowledge, lack of experience, or something like that. But usually the accident victim knew better. He just didn't think. Or he took a chance. Or he fell asleep. Or he was in too big a hurry to follow the proper precautions.

All of those reasons appear so silly after the fatal or crippling accident has occurred.

Of course, accidents always happen to someone else, so why worry. But Ron Jester, extension farm safety specialist at the University of Delaware, has local figures that show they do happen with alarming frequency. That's the bad news.

The good news is the number of farm accidents in this area is down substantially over the past five years. And still during the 1983-84 farm accident survey period, there was one farm accident for every seven farms. Still that's a third less than was found in a previous survey taken in 1977.

Jester points out that farmers are more safety conscious than they were. But there's still a long way to go. The survey highlights some danger zones on Delaware farms including farm machinery, farm animals, and power tools.

The most dangerous job, machinery maintenance. That's where fully a third of the survey also found that four-fifths of all farm injuries are severe, meaning that they require professional medical care and most of them involve injury to arms, hands and fingers.

Putting all the survey information together, it's fairly simple to draw a profile of the typical Delaware farm accident. It happens to the bread winner during harvest while he's working on harvesting equipment. It probably involves placing a hand where it shouldn't be placed and the resulting injury is usually severe.

Despite the seeming tranquility down on the farm, it's a very dangerous place. Between the machines and the livestock, the chemicals and the power tools, there is hardly anything a farmer does that is without risk.

Statistically farming is the most dangerous occupation category. And that's part of the problem. Farmers live with that risk, day in and day out. They get used to it. That's when they get careless. Or in too big a hurry. They forget the risk they're taking by not following safety precautions and that's when they get hurt.

In many ways Ron Jester's job is a thankless one. He goes around the state talking about farm accidents to people who feel that accidents will never happen to them. He must discuss the gloomy prospects of a fatal or disabling accident and the high risk involved in farming with people who don't really enjoy being reminded of such things.

But then there is the occasional bright spot. Like this recent survey that proves beyond a doubt that what he's doing is working. That accidents are down almost a third over a five-year period. How many lives does that represent? How many thousands of dollars in medical expenses have been eliminated? And how many fingers, hands, arms and legs have been saved for useful endeavors?

One more statistic from the survey. Accidents among young people in Delaware dropped a full 50% during the five-year survey period. Jester says the Delaware Cooperative Extension Service recognizes the philosophy that safety education can reduce accidents. The goal-safer farms through the elimination of needless accidents. That's a goal we can all get behind.

Beth Pool is NJ "Woman of Year"

TRENTON — Beth Pool of Mickleton was selected as the Woman of the Year by the New Jersey Farm Bureau's Women's Committee at its recent convention.

Mrs. Pool, who has been active on the state and county level of Farm Bureau for many years, handles the milking operations on the family's Gloucester County Farm. The Pools milk more than 80 head of cows, and grow hay and grain.

Beth Pool is currently President of the Gloucester County 4-H Association, an organization she has been active in for 25 years. Through the New Jersey Farm Bureau's Women's Committee and the County Board of Agriculture, Beth has been instrumental in programs designed to promote the dairy industry and agriculture in general.

Beth is married to Owen Pool, and they have four children: Richard, 23, David, 22, Linda, 17, and John, 15.

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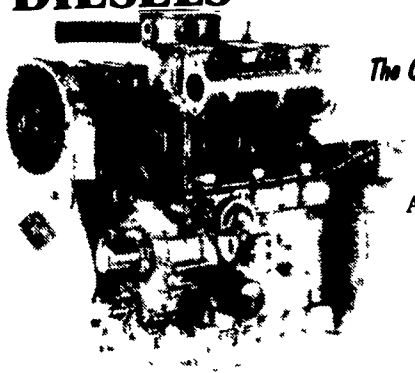

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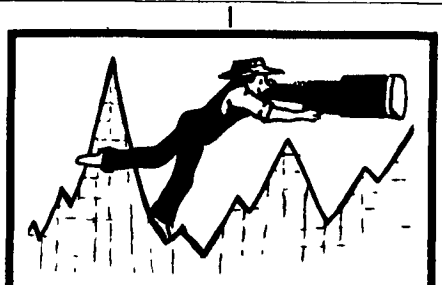
PH: 717-786-2173
RD 3, Box 91A
Quarryville, PA 17566
2 miles West of Georgetown on Furnace Rd

DEALER INQUIRIES INVITED



THINK AHEAD...
Read Futures Markets on Page 3.

BUY SELL TRADE OR RENT THROUGH THE
CLASSIFIED ADS
PHONE: 717-626-1164 or 717-394-3047
Mon., Tues., Wed. 8 AM to 5 PM -
Thurs. & Fri. 7 AM to 5 PM

7 LIVESTOCK EQUIPMENT

For Sale: Dry Wood Shaving's. Best Offer. Esh's Lumber and Toy's. Quarryville, Pa Furnace Road.

Galvanized smooth wall hopper feed tanks, 4 thru 12 ton models in stock for immediate delivery. Loucks Grain Equipment. 717-755-2868.

L.B. White heater, 60,000 BTU; Glasbord panels, 400 sq. ft.; priced to sell quickly. 717-684-8255.

WANTED: Good used De-Laval milker pulsation timer. Bedford Co 814-623-2425.

WANTED: Good used commercial model truck mount mixer feeder w/w.o chasis. Dotterer Farms. Mill Hall 717-726-3659

Baled Wood Shavings

Kiln dried, in easy to handle 4 cu. bales. Discount for large orders.

We deliver or you pick up

William Beam
Morgantown, PA
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or $32/ton delivered
up to 20 miles
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WOOD SHAVINGS
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Call now for delivery of bagged, baled or bulk wood shavings & sawdust.
A quality bedding material at an economical price.
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High Tensile & Board Fencing - Split Rail & PVC
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Dry - Fresh Cut - Cured
SHAVINGS
Bulk Loads
SAWDUST AND SHAVINGS MIXED
Discount given for Quantity
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We Will Now Install Bedding in Poultry Houses
Kiln-Dried Sawdust Available
R-B TRUCKING
Ronald Bowersox
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CHRISTMAS SPECIAL
$100 extra discount on any new 2 horse trailer IN STOCK purchased and paid for in December, 1985

Over 200 new units in 15 brands. Some used units.

2 Horse Thorobred Model-4 wheel brakes, spare, etc	$2695.00
Extra Wide Thorobred Model	$2895.00
2 horse extra wide TB Model w/4' dressing room	$3995.00
2 horse TB Delux Gooseneck-fully enclosed	$3995.00
2 horse TB Gooseneck w/4' dressing room	$4750.00
20'x6'x7' Gooseneck stock w/4' dressing room	$4950.00
16'x6 x7' Gooseneck stock-fully enclosed	$5250.00
10'x6 Bumper Stock	$1895.00
16' Bumper stock	$2195.00
16'x6 x7' Bumper Stock Combination w/tack compart	$2995.00
16'x7' Bumper Stock	$3250.00
12'x6' Gooseneck Stock w/half nose	$2895.00
16'x6 Gooseneck Stock in ass t colors	$3150.00
16'x7½' Gooseneck Stock w/full nose	$3750.00
24'x6' Heavy Duty Pipe Gooseneck w/16" Rubber	$3950.00
Tandam Axle Equipment Model w/brakes & ramps	$1195.00
20'x8' Deckover w/ramps & adjustable coupler	$2295.00
6'x10' Hydralic Dump trailer	$2795.00
20'x8' Flatbed Gooseneck w/8' ramps	$2895.00
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Full Service Shop on Premises. Temporary Tags Provided.
Free Delivery to New Holland Sales Stables.
New & Used Chevrolet Trucks IN STOCK for immediate delivery
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SUPERIOR PRE-CAST'S E-250 CONCRETE ELECTRIC LIVESTOCK WATERER

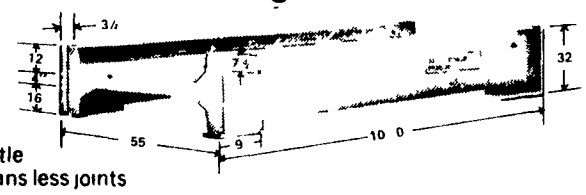
Durable, Energy Efficient & Safe

TWO MODELS AVAILABLE

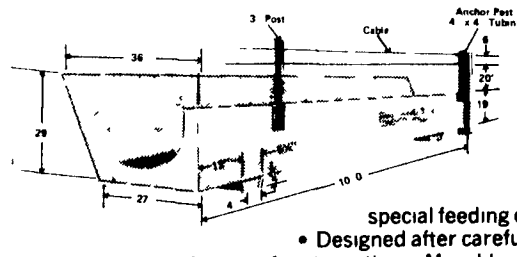
- 60 Gal. Capacity
- Extremely Efficient In Use Of Electricity
- Valve Cover & Door Are Heavily Insulated
- CSA Certified & Approved Non-Siphoning

"H" and "J" TYPE FEED BUNKS
Low Cost - Long Life

"H" TYPE FEATURES:



- Large Capacity
- The right height for large and medium sized cattle
- Ten ft length means less joints
- Movable - for future expansion
- More than strong enough to support roof system
- Feed conveyor easily suspended from Feed Bunk roof, allowing clean sweep of trough
- No corners to retain spoiled feed



"J" TYPE FEATURES:

- Medium capacity for smaller herds
- Feed your cattle with your chuck wagon No special feeding equipment required
- Designed after careful study of feeding problems
- Heavy steel reinforcing - for strength
- Vibrated Concrete - for quality
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- No corners to retain spoiled feed
- Long sloping trough back helps save feed

* No discount on freight charges

Also Available:
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Dealer Inquiries Welcome

7 LIVESTOCK EQUIPMENT

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HIGH-TENSILE FENCE
Non-Electric or Electric
Strong - Lasting - Economical

US Steel "How To Build Fences" Book
$4.50 plus $1.50 shipping

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Kencove can also install fences
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8 CATTLE

35 Registered Jerseys, 16 Fresh since Sept., the rest all stages of lactation. Bradford County. 717-673-5893

ANGUS: Bulls, cows, calves. Registration & health certificates. Watts Logan Spring Farm, Bellwood, PA 16617-0010. 814-742-8097 or 814-742-8118.

Angus Bulls, ready for service. Also Angus Heifers. Stump Acres. 717-792-3216 York County.

Big Holstein springers, $800; one Jersey springer, $650. 301-833-1847

Black Angus Bulls. 11 months old. Not registered. Good stock. $350-$400. Widney Farm, Dry Run, Pa. 717-349-2489.

Boarding heifers: 75 head capacity in Northern Lanc. Co. $1 per head per day. 717-626-2866

Bull For Sale: Perry County, Polled Hereford, Enforcer bloodlines, 9 months old. 717-789-3857

Buyers & Sellers of Livestock – Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

Dairy herd of 50 Holsteins, some red and whites, freshen November thru April. Wayne County, Pa. 717-488-6037

Five Holstein bred heifers, fresh in Feb. & Mar. $450 ea. 302-239-5326.

FOR SALE: Holstein heifers due Dec. Sired by Ford and Sexation. Dams records to 25,000M 844F, bred to 29H3195. 717-442-4316.

FOR SALE: Herd of 45 Registered Holsteins, lot of young cows. Available anytime. 215-273-3376.

For Sale: 40 Head of Open Holstein Heifers, 650-850 lbs. 814-848-9753.

For Sale: Colostrum (fresh cow milk). 717-393-0930.

For Sale: Fresh Young Guernsey Cow, due again next June. $450. Cumberland County. 717-763-1027 evenings.

For Sale: Reg. Angus Cattle Cows w/calves, calves, bulls. Mr. Angus, Fairfield Hy-Guy, General JJ Patton, Walbridge Govenor breeding. Reasonably priced to sell. Lanc. County. 717-285-3023.

For Sale: Springing Holstein Heifers, some fresh Dec. & Jan. 717-263-9091

For Sale: Vaccinated Breeding Age Holstein Heifers and Short Bred heifers. 717-295-3137 or 717-394-5573.

For Use: High quality registered Holstein Bull. AI sampled. Chester Co. 215-932-9762.

Grade heifer calf. Dam 17,469M 3.6F. $95. 717-665-3860.

Heifers Boarded, balanced rations, silage, alfalfa & grain. $1.00/day. Juniata. 717-436-9798.

Herd of 42 Registered Holstein cows and 30 heifers, 16,600 RHA. 717-656-6714.

Herd of Grade cows, average 50 lb. with 3.8. Pick 50 out of 60. Also, 15 b-heifers, must move by March 1 or can go sooner. 717-354-4376.

Jersey Bull, Reg., 14 months, Sired by Breeds #1 Bull A-Nine Top Brass. $400. Salem Co., NJ. 609-358-8204

LIVESTOCK HANDLING EQUIPMENT BY PALCO: See Us At The Farm Show, Lower Level, Main Arena w/Palco Livestock Equipment. SUMMIT SYSTEMS INC. 800-242-3240 or 814-735-3293.

REG. HOLSTEIN SERVICE AGE BULLS
All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call John Barley, Star Rock Farms, 717-872-4058.

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Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres, 717-792-3216, York County.

Registered polled Herefords. Excellent breeding. Bulls, bred, cows, Heifers, pairs. Mercer Co. 609-737-2135.

Registered Angus heifers. Should make excellent Brood cows, 9 months old. $350. Bucks Co. 215-536-4190

Reg. Polled Herefords Feeder Calves, average 350 to 650 lbs. for sale. 215-384-6025.

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified Very Good with records over 29,000 lbs. milk and 1,195 lbs. milk fat. STUMPLAND FARM 215-488-1965

WANTED-Herd of Cows or bred and open heifers. 301-358-0412.

Wanted: Before 1/1/86, approx. 50 beef brood cows, Clay Peterson, Baltimore Co., MD. 301-329-6288.

Wanted: Entire dairy herd and bred and springing heifers. Highest cash price paid. Reuben Greenberg, Inc., Columbus, N.J. 08022. Ph. 609-298-1021

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15,000 Herd average. Move by Jan. 1, 1986. Also 50 Fresh & Springer Holstein Cows & Heifers to choose from.
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ATTENTION DAIRYMEN - ALWAYS AVAILABLE
Large selection of high producing registered and grade Holstein first calf heifers and cows
Terms Cash or short term credit Also, our very popular lease plan
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If you need a new herd additions or replacements call or write

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for dog food
Call Wayne Taylor
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215-286-9400
Lebanon, Berks, Lancaster & Chester Co.

Wanted To Buy
Registered Holstein Heifers, any age.

Write to **Abraham S. King**
139A Colonial Rd.
Gordonville, PA 17529
or call 717-354-4375

SIMMENTAL HERD DISPERSAL
Polled, Purebred 14 cows & heifers, bred AI, 4 heifer calves.
301-239-7054

Registered Holstein Heifers, Springers, Short Bred and Open Good Pedigrees.

DANIEL ALBRIGHT
717-789-3157

9 HORSES AND MULES

(2) standardbred horses, 4 & 5 yrs. old. Choose for $600. Jacob Beiler, R.D.1, Box 319, Noble Rd., Kirkwood, Pa. 17536.

All new Windswept Stables complete boarding services, $100 per month. Lessons Call for details. RD 2, Columbia, Lanc. Co. 717-684-3975.

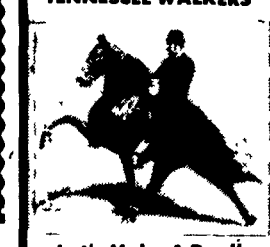
Ponies For Sale Phone 717-768-8080.

Registered Morgans and Quarterhorses. Ffillys, gelding. Excellent breeding. Mercer Co., 609-737-2135

Team of Clydesdale geldings, broke; also several other Clydesdales for sale. Frederick Co., MD 301-898-9654.

Beautiful Registered Walking Horse Gelding, well broke.
Also Registered Haflinger horses, stallions, mares, yearlings, colts and match pair of Haflinger geldings.
814-445-6358

TENNESSEE WALKERS



Let's Make A Deal!

If you are in the market for a horse... Call us!
Tenn Walkers top pleasure field trial & show horses for sale 35 50 head 45 years in the walking horse business Stop by and pick out your winner

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It pays to breed to the best! We promote & help to sell your colt Standing at stud 16 2 hand black stallion Grit s Black Streaker has 8 world grand champions in his pedigree private treaty

WE ALSO TRADE

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SUNNY CREST STABLES
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Littlestown PA 17340
717-359-9237

10 SHEEP AND GOATS

FOR SALE: Karakal sheep. 717-626-2868 after 6. Lanc. Co.

For Sale: 75 Commercial Suffolk Sheep. Wormed, tagged and bred, nice flock. Price negotiable. Adams Co. 717-334-6822

WINTER BLUES: Enjoy handspinning/knitting. Classes forming now. Jan. sale estate grown 2 ply knitting worsted and fleeces. Bred ewes Feb lambing. Romney/Lincoln/Corriedale/Nat. colored. Home of 1985 National Champion Flock. York Co. 717-229-2202

11 SWINE

Chester White, Duroc and Spotted Service Age Boars. James Parlett, R.D.2, Box 176, Airville, Pa. 17302. 717-862-3610

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F Thomas, Beavertown, PA 717-658-6544.

Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831.

FOR SALE: Feeder pigs, 40-50 lbs., 85 cents/ton. 717-733-0575.

FOR SALE-Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, R1, Box 221, Strasburg, PA 17579. 717-786-2562.

FOR SALE-Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921.

For Sale: Berkshire, Hampshire, Yorkshire Boars. Service Age. Terry Bennecoff. 215-285-6582

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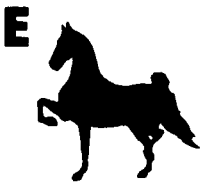

SPECIAL
1 Load of American Saddlebred Horses from Don Boring Stables & Georgia Sale
Will Be Sold At New Holland Sales Stables, Fri., Jan 10, 1986

Horses Will Be Hitched At Farm
January 2 thru 8 in p m
Farm is located 1 mile north of Bareville on N Hershey Ave

J.Z. NOLT
R.D. 1 Leola, Pa. 17540
717-656-9711

11 SWINE

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

Illinois Feeder Pigs. Hugo Feeder Pig Co., Centralia, IL. All pigs vet inspected from psuedo-rabies free herds. Sold on approval, 30-100 lb. Call Collect, Bob Tindall, 513-462-8797.

Purebred Yorkshire & Spotted Boars, reasonably priced, delivery available. 717-427-8805

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested. Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

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John Strawbridge
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Large White - Duroc - Landrace Boars
Large selection, rugged, sound, aggressive, testation proven boars. Over 150 on hand at all times. Gilts-singles or groups. Bred Gilts - singles or groups. Blood tested, production tested, superior genetics, superior guarantee Accredited herd #186 PRV-FRV. Accredited herd #175 Brucellosis free
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REFERENCES FURNISHED
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Yorkshire - Duroc - Large White
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21 day weights, back fat, days to 230.
Sow productivity program
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WE SELECT OUR BREEDING STOCK FOR:
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4. FEED CONVERSION
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EAST COAST HOG SERVICE
35 N. Cedar St., Lititz, PA 17543
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HYBRID BOARS & GILTS
SALES OR LEASE

Top Quality Duroc Boars
Service age, excellent Midwest bloodlines, aggressive breeders.
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DUROC & SPOTTED BOARS
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DUROC YORKSHIRE
Boars & Gilts
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717/423-6514

MARYLAND PERFORMANCE BOAR TEST SALE
MONDAY, DECEMBER 30, 1985
1:30 P.M.
at
FREDERICK CO. FAIRGROUNDS
Frederick, Md.
20 Tested Duroc & Yorkshire Boars
Tested Boar consignors:
Mark F. Nestleroth, Manheim, Pa.
Reno & Park Thomas, Beavertown, Pa.
David Holloway, Red Lion, Pa.
Ricky Bauer, Lithicum, MD
Richard Weaver, Hampstead, MD
William Langenfelder, Clarksville, MD
Also, selling a select group of Duroc bred gilts.
For more information contact
Donald Morrison
301-531-3351

ARNOLD HOG FARMS
52 BOARS DECEMBER & JANUARY SERVICE
Sired by Superior Performing Tested Boars
(Group Lots)

Next Sale Saturday, February 8, 1986
90 Bred Gilts, 40 Boars, 40 Open Gilts

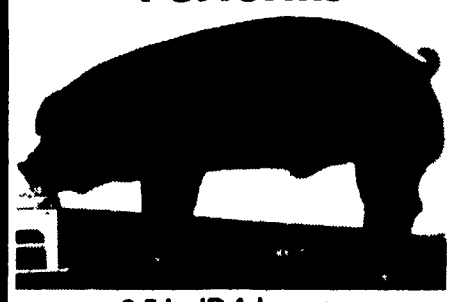
All Animals Vaccinated for Rhinitis, Erysipelas, Lepto & Parvo. Validated Brucellosis & Pseudorabies Free Herds. Producing Superior Performing Seed Stock For Over 30 Years.

PA FARM SHOW
Bred Gilt Entries To Be Sold Jan. 13 & 14
6 Duroc - 9 Landrace - 13 Yorkshire
Due January 29 thru March 7

Yorkshires - Landrace
Leon L. Arnold
R.D. 7, Box 705
Lebanon, PA 17042
717-273-5880

Durocs
Lawrence Arnold
R.D. 1, Box 309
Womelsdorf, PA 19567
717-933-8153

ID Advancer Performs



3-5 by ID Advancer

- Top Indexing and Quality Duroc Boars at both Ohio & Maryland Performance Boar Tests
- High Indexing Boar & Pen at Maryland
- 20 Pounds Lower Feed Efficiency Than Sale Average at Ohio
- Champion & 4th Place Lightweight Carcass at Keystone Livestock Exposition

Ohio Performance Boar Test
Sale: December 21, 1985 1:00 P.M.
Place: Ohio Test Station, Columbus, Ohio
Duroc Pen by ID Advancer

Pig No.	Days to 230	Gain	Feed Eff.	Back Fat	Loin Eye	% Lean Cuts
3-5	137	2.53	225	.75	5.72	63.4
3-6	143	2.50	225	.73	5.27	64.7
3-3	156	2.21	225	.83	5.57	63.2

Maryland Performance Boar Test
Sale: December 30, 1985 1:30 P.M.
Place: Frederick Co. Fair Grounds, Frederick, Md.
Duroc Pen by ID Advancer

Pig No.	Days to 230	Gain	Back Fat	Loin Eye
4-4	143	2.62	.62	5.1
4-1	155	2.27	.70	5.0
6-5	146	2.38	.75	5.4

Yorkshire Pen by ISL Field Marshall

9-1	151	2.30	.64	5.1
9-3	156	2.31	.76	5.4
9-4	153	2.24	.78	5.2

Duroc, Yorkshire, Large White & Landrace Tested Boars and Gilts for sale. Supply for next 4 months. 75 Boars and 250 Gilts

MARK F. NESTLEROTH FAMILY
Dutch Valley Farm
Ph: 717-665-6220
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We won again in 1985 NY test station.

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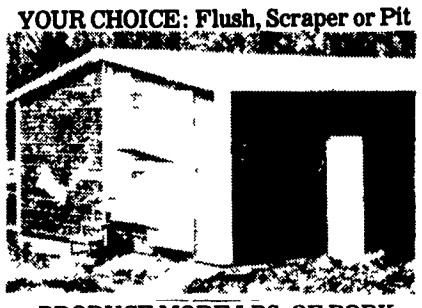

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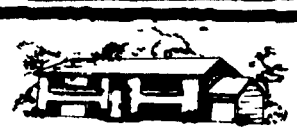

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32 MISCELLANEOUS

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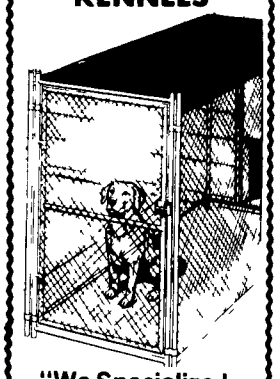

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Self-Contained Composting Toilet
Needs No Water Or Chemicals
Replaces conventional septic systems with a self-contained bioconversion appliance • Eliminates wastewater discharge • Constructed from rugged stainless steel and non-porous plastic • Features positive venting for odor less operation • Easily maintained • The compact HUMUS 80 occupies only 25"x33" of floor space

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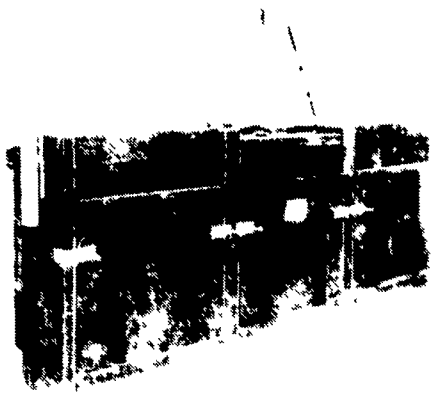

"The Art of Baling Becomes A Reality" over the course of history. Maryland tobacco has found its way to market in a variety of forms. From barrels to burlap sheets, to tied leaves. Now, a new method has been designed which makes packed tobacco more manageable.

A baling box machine can be used which puts up tobacco in 22 inch bales that weigh 75 to 80 lbs. These can easily be stacked or stored.

The basic machine is a three-bin model where tobacco is laid in according to grade. The tobacco is compressed into bales by use of an hydraulic cylinder powered by air. A jack type system can be used for those who may not have electric available. After the bale is compressed, it must be tied with cotton twine.

The use of the three-bin press allows more tabacco to be processed in less time.

For more information and details on these new tobacco press units - Call LANCASTER SILO CO., INC. We have units in stock for sale.

We have cotton tobacco twine in stock.
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185 moving quilts, 72x80 $6 a piece. 215-646-9057.

Bandsaw Blades made to order. Wood, metal or meat cutting. UPS shipping. 717-733-0511. Martin's Sharpening, R.#1, Ephrata, PA 17522.

Bought and sold new and used cardboard boxes, drums Pint, Quart & Gallon Containers. Reliable Recyclers, 178 Greenfield Road, Lanc., PA, 17601, 717-397-7695

CASH for your piano or sell on consignment. Call Ken at 717-392-3233.

Electric Yale crane truck K42 SH-6-7-78 maximum capacity, 6,000 lbs. $600. 215-542-7980. 215-646-9057.

FOR SALE: New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by appointment. Myers's Washer-Dryer, Rt. 772, between Brownstown and Leola 717-656-7169.

For Sale: Commercial quality butcher handsaws. $22.00. Also, blades in stock. UPS shipping. 717-733-0511. Martin's Sharpening, R.#1, Ephrata, PA 17522.

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FREE· Old wet sawdust, located in Downingtown, Pa. We load, You Haul Ed Vogt. Medford, NJ. 609-654-7489

Good heavy steel dump trailer, 8'x10' bed w/ sides, dual wheels, $750. Century 300 amp AC & DC welder, $380 Automatic saw filer trip setter, circular saw grinder, $800/b.o., 717-354-5060.

LIMB CHIPPER, NEW, 3PTH, PTO drive. Will chip brush and limbs up to 3". Ground Discharge, $1,400. Blower Discharge, $3,100 215-346-7340.

LOG SPLITTER, 8HP engine, 13 ton 2 stage hydraulic pump, highway tires, ball hitch, heavy duty unit, new, $800. 215-346-7340.

Meat Grinders, Band Saws, Slicers & Tenderizers. New splitting saws, only $249. Gerry Grundy, Doylesburg, Pa. on Rt. 75, 200 yards north of Rt. 274. Open Sat. & Sun. 10 a.m. to 4 p.m., 717-349-7654. Evenings call 215-549-7584.

Pole Buildings 24'x40' completely erected $3,999.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 Call Anytime.

Used exhaust fans, 36" diameter, double units, w/15 hp 3 phase motors. 717-768-8222 days 717-687-8053 eves.

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1984 35' Mallard house trailer, never used. Two bedroom, one with queen-size bed, one with three single beds, full bath, pull-out living room with sofabed. Fully furnished, $10,000. 201-782-2293 between 9-5, ask for Bill.

34 AUTOS

'82 Pontiac J2000 station wagon, fully equipped, $2,995; '79 Olds Cutlass gas station wagon, nice car, $1,795; '82, 2DR Chrysler Labarin, 4SP, $2,495, '77 Chevy Chevette, black car, $895; '83 Pontiac J6000 V6 diesel, 36,000 mis., $4,995. Leroy Geesaman, 717-865-4304.

35 TRUCKS AND TRAILERS

1975 Int. 1700 Loadstar, 26,000 GVW, 5+2 trans., power steering, $2,200. 215-683-7943.

1976 Int. 1600, 4x4, 345 engine, PS. 301-836-2676.

1981 GMC diesel, Hi Sierra, auto., AC, PS, PB, cruise control, stereo, 66,000 miles, very nice, $3,800. 717-865-4304.

1983 F350 XL Ford diesel, 4WD, w/like new Eby aluminum livestock body w/many extras, 29,000 mis. John Strawbridge, 301-941-1122.

4 WHEEL DRIVE
9.9% APR Financing
To Qualified Buyer

1984 FORD F250, 2 tone paint, long bed, 8 cyl, PS, PB, locking hubs, 12,000 orig. one owner miles.

1984 FORD BRONCO XLT, 8 cyl, 4 SP overdrive, PS, PB, cruise control, stereo cassette, captains' chair, Goodyear Wranglers on white spoked wheels.

1984 CHEVROLET SUBURBANS Choice of 2 Red/Silver, Brown/Tan Both fully equipped and exceptionally maintained by previous owner

1984 FORD F150, 8 cyl, 4 SP Trans, 8 cyl engine, 2 tone black & silver paint w/red interior, diamond plate running board and step bumper, lock out hubs, only 32,000 mis

1984 CHEVROLET C10 Scottsdale, chrome bed, royal blue paint w/light blue interior, stereo, 8 cyl, 4 SP, cargo rails, white spoked wheels w/raised letter tires

1984 FORD F150 XLT, short bed, brown and tan 2 tone, 8 cyl., auto., running board, dual tank, 33x12.5 radial white letter tires on chrome wheels w/locking hub, chrome roll bar and light complete this unique package.

1983 JEEP WAGONEERS. Two to choose from. 1 limited and 1 standard, both 8 cyl., auto., and loaded w/equipment in exceptional cond.

1982 FORD F250 all white, 8 cyl., auto, PS, PB, rear step bumper, lockout hubs, extra nice, snow or work ready

1981 FORD F350, 8 cyl. auto., PS, PB, 2 tone red & white, running board, stereo, step bumper, 9.50x16 5LT snow tires, must see

1979 FORD BRONCO, RANGER XLT, maroon w/accent stripe, 8 cyl., auto., PS, PB, stereo w/cassette, bucket seats, white spoked wheels, exceptional.

1979 DODGE 150 Power Wagon w/Prospector Package, Brown w/contrasting saddle interior, 8 cyl., auto., PS, PB, air conditioning, cabover camper cap, trailer package equipped.

1979 JEEP CJ5, 6 cyl., 4 SP, new soft top, PS, PB, Myers 7' snow plow, new clutch, reconditioned to highest standards.

GMC SIERRA CLASSIC 15, 2 tone paint, silver over black, short bed, grey bucket seats w/console, stereo, 8 cyl, PS, PB, new 10/15 LC snows on chrome spoked wheels

1978 JEEP WAGONEER, red paint w/black vinyl interior, 8 cyl., auto, PS, PB, air, stereo, exceptionally rust free car

1978 CHEVROLET SUBURBAN maroon 8 cyl, auto., PS, PB, air, reconditioned to our high standards, also choice of '78 GMC

1977 CHEVROLET BLAZER K5, 2 tone burnt orange and white, 8 cyl, auto., PS, PB, bucket seats, white spoked wheels and raised letter tires

20 more to choose from.
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Rhodes Oldsmobile
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TRUCKS AND TRAILERS

1983 Ford Ranger, short bed w/cap, 4-spd., A/C, PS, AM-FM cassette, $4900. or make offer. 215-588-7019 between 5 & 6PM.

1984 Bonanza Stock Trailer, 18', excellent cond., $3,000. 717-354-6895 eves. after 6.

1984 Ford Centurion 1 ton, 460 engine, auto., PS, PB, tilt, cruise, twin tanks, AM-FM stereo cassette, CB radio, 36,000 miles. $20,000. Will Trade. 301-287-6432

32' Premeir 4 horse gooseneck trailer w/tack & feed compartments. As is $800. 717-534-1253

45' flatbed trailer, good condition. 717-532-6257.

(6) Flatbed Trailers, 30' long, 1977 Trailmobiles, single axle, 10x20 tires, good floors, excellent conditions, $2500 to $3500 each. Call now, 215-699-8866.

6½'x10' tandem axle heavy trailer, good rubber. 717-949-6817.

75 International 1800, 5 & 2, air brakes, tilt hood w/18' Midwest grain dump, good condition. 814-793-2339.

76 Mack Tri-axle Log Truck w/110 Prentice Loader, both fully reconditioned, new rubber, 300 Maxi engine, Jake break system & locking differentials. For sale by owner. Call after 5 p.m., 215-485-4692.

'77 Dodge 600, 318 w/4 spd., 17' rebuilt cattle bed. $7,500. 8 a.m. to 5 p.m. 215-932-2408

'79 International 21,000 gross, 345, V8, 4SP, w/2SP, 15' flatbed w/alum. deck, 25,000 orig. miles, orig. owner, VG MPG, excel. cond. Eves. 215-383-5545.

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Deluxe Diamond Snow Plow w/5 position hyd. operation complete w/lights, like new, easily made to fit 76 thru 79 Ford F150/and 250 series. $1,000. Paradise, Lanc. Co. 717-768-3072

Diamond Reo Tandem Dump truck. Cummins engine, 13-spd. trans., PS, good condition. $10,000. 215-488-7155, 215-488-7658.

For Sale: 1983 Ford F350 H.D. 4-speed, PS, PB, long wheel base with/without aluminum van, 12,000 miles. 814-848-7915.

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 215-944-9871.

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1977 Chev. C30 12' Stake Dump, V8, 4-speed, very good condition.
Bucket truck, 1979 Dodge, D300, V8, 4-speed, Telstar bucket, excellent condition.
1974 White SA single axle, cab & chassis, 238, 10-speed, 33,000 GVW, good rubber.
Rollback 1978 Chev. C-30, 12' JerrDan Rollback, excellent condition, low mileage.
1979 Ford E350 Parcel Delivery Van, V8, auto., PS, PB, 60,000 miles, 14' body.
COLEMAN'S AUTO SALES
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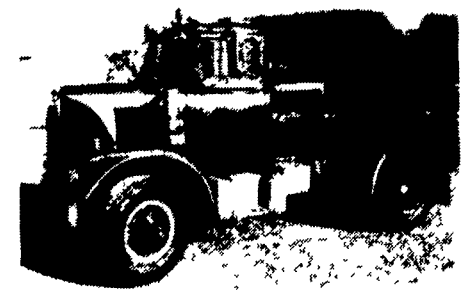
FOR SALE: 1973 Chevrolet 4x4, ¾ ton w/cap, dual tanks and exhaust, 283 engine, runs well, sound body, inspected thru 11/86, $1,500. 717-665-5268.

FOR SALE: '65 Int. truck (21,000 GVW), dump bed and hydraulics, 5x2 trans., rear axle, and other miscellaneous parts. 717-684-3579.

Ford 1977 LN800, 391 V8, 28,000 mis. on motor, 5/2SP, PS, 1000x20 tires, 217" wheel base w/22' Duralite van body. Will sell with or without body. 301-877-9889.

For Sale: 10 ton dump hoist with pump and control valve on sub frame with bed hinges, $150. Lebanon Co. 717-865-6166.



1970 One Owner Diamond Reo
NHC 250 Cummins with 90,000 miles on major overhaul
13 speed transmission, 10x20 tires
Call
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'74 White Road Boss
350 Cummins, 15 Speed Overdrive w/PTO, 23,000 lb. 2 Speed Rear, Jake Brake, Power Steering, Air Cond., 92" CA., No Rust, Lots of New & Rebuilt Components, Excellent Cond. $13,900. Spreader Not Incl.
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Immediate Delivery
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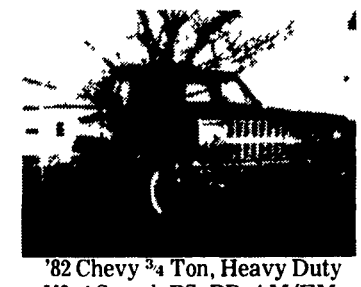
USED TRUCKS

'84 Ford E350 Cab & Chassis, AT, PS, PB, 460 Cu. In., 2 Tanks, 10,250 GVW, Only 69 Miles, Excellent Condition **$8,500**

'85 Ford F250 Cargo Van, AT, PS, PB, AM/FM, 6 Cyl., 15,000 Mi. **$9,250**

'84 Toyota Long Bed, 5 Speed, 4 Cyl., PS, PB, Bedliner, 11,000 miles **$6,150**



'82 Chevy ¾ Ton, Heavy Duty V8, 4 Speed, PS, PB, AM/FM Cassette, 2 Tone Paint, Excellent Condition **$6,250**

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Full time hauling demands equipment that withstands the punishment of rigorous work, day in and day out.

Omaha Standard Stake Bodies are engineered to meet tough hauling needs, regardless of cargo Steel or wood racks, both feature heavy duty steel stakes.

Full width 96" platforms with swaged (indented) lights for better light protection and appearance. Spring-loaded rack connectors and automatic hold downs that keep racks in place and help reduce noise. Swing-out rack sections are optional Stake racks fit both heavy duty standard and medium duty "Metro" platforms Steel bulkheads with full width mesh windows are available.

There's no better stake body on the market Ask someone who owns one, or better yet, compare us one-on-one with the others

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For Sale: 60,000 lb. construction trailer, air brakes. 717-899-6080

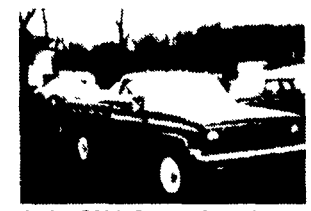
GMC truck w/2,000 gal. farm pickup milk tank, bad motor 717-532-6257.

Hay truck, IH 2050, 1160 Cat 5+2 trans., PS, 48,000 GVW, 27' bed, 8' over cab, very good condition. 717-353-7171.

FOR SALE

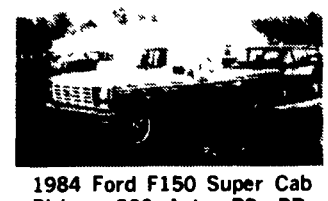
1984 Chevy HD ¾ ton 4 Wheel Drive Pickup 350, 4 Speed PS, PB, Air, AM/FM, Dual Tanks, 8600 GVW, Reg Gas 26,000 Miles **$10,700**

1984 Chevy Silverado HD, ¾ Ton Pickup, 350 Auto, PS, PB, PW. PDL Cruise, AM/FM, Dual Tanks, 8600 GVW, Reg Gas., Ex. Cond **$9,950**

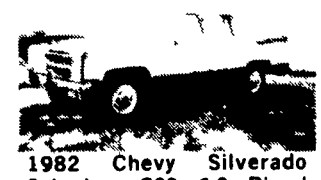


1981 GMC Sierra Grande ½-Ton 4-Wheel Drive Pickup, 6 Cyl, Hd 4 Speed PS, PB, AM/FM 45,000 Miles **$5,900**

1983 Chevy Scottsdale ½ Ton 4-Wheel Drive Pickup 305 Auto, PS, PB, AM, FM, Ex Cond **$7,600**

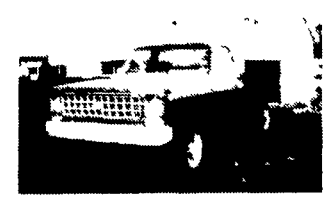


1984 Ford F150 Super Cab Pickup, 302 Auto, PS, PB, 6250 GVW, 9,000 Miles, Like New **$9,450**



1982 Chevy Silverado Suburban C20 6.2 Diesel Auto., PS, PB, PDL, Dual Air, Cruise, Tilt Wheel, AM/FM Trailering Package, 8600 GVW **$7,600**

1982 Ford Custom F250, Super Cab Pickup, 351 4Spd, PS, PB, AM-FM, 8,900 GVW, Reg. Gas, 46,000 Miles. **$6,950**



1980 Chevy C30 4-Wheel Drive, With Koenig Utility Body, 350 4 Speed, PS, PB, AM/FM, 9,200 GVW **$6,950**

'82 Chevy C10 ½ ton, 4WD pickup, 6 cyl auto, PS, PB, dual tanks, 6100 GVW, 50,000 miles **$5,950**

'79 Ford Ranger F150 Super Cab pickup, 351 auto, PB, PS, air, AM-FM w/topper excellent condition **$3,950**

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1986 FORD BRONCO XLT
Loaded with all options. 800 miles. Will consider trade.
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Trailer & Van Bodies
40' Triple Deck Alum Hay Trailer.
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Over 100 New & Used Trucks, Vans & 4x4's

(2) 85 Ford Bronco 4x4, XLT, AC, V8, Automatic. 2 Real Sharp Trucks
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83 Subaru BRAT 4x4, 4 Cyl., T-Top, Real Sharp
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(2) 78 Ford L-N 8000 Cab & Chassis, Cat 3208 Engine, Diesel, 5 Spd. Over 2, A Title, 186" Wheel Base Hard Find.
68 International Dump 5 & 2 Speed

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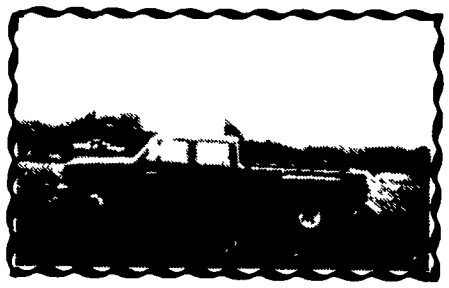
CHEVROLET
"TRUCK FLEET DIVISION"



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STAKE BODY	DIESEL
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Montgomery Co.
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★ Pat Shea ★ George Emmons
★ Barry Adams
Location Just Off Pa. Turnpike Exit 26

Location-Elizabethtown, Lanc. Co. Speak to Dick Winey. Century 21, Autrey, Hoffer & Zink. 717-367-8508

Land: 140 acres, Knoxville, Tioga County, 70 tillable, 70 wooded, nice views, gently sloped, $49,000. House/150 acres, $75,000. 814-326-4505 after 6p.m.

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Loren Zimmerman
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175A, 40 stall modern dairy, 2 silos, brick house, $185,000. Make offer.
50A good level farmland.
20A woods w/stream.
BLUE BALL REALTY
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1980 Hallmark 14x70, shingled roof, 2 BRs, 1½ baths, woodburning fireplace in living room, large eat-in kitchen. Must be moved. $15,000/best offer. 301-335-5920 or 335-4189.

67 Acre farm, Berks County, Pa. House, barn, sheds, good condition, all conveniences, stocked dam. Will help finance. Robesonia, 215-693-5624.

74 Acre Dairy farm: 25 stalls, 75 free stall barn, Mueller tank, Choreboy pipeline, self unloading silos, 12x50, 14x50, 2200 ton Lagoon, Morton shed. Located Stoughstown near Shippensburg, Pa. walking distance to Mennonite school. Make offer. 717-249-2097, 717-761-1910, Allen Peffer, Detweiler Real Estate

80 acres land, Sarasota Florida. Broker. 717-464-5126 or 717-768-9361

84 acre farm, large 40x60 barn, newly built, 44 acres tillable, 40 woods, small down payment and 8% interest. 607-729-3151

Dairy farm for rent or sale, double house, double four Herring Bone parlor, 95 free stalls, large bank barn 717-532-6257.

FOR RENT. 100 acre dairy farm. Lancaster County. April 1st. 38 stall barn. Write: M. Farmer, 424 N. Mount Joy St., Elizabethtown, Pa. 17022.

FOR SALE: 1¼A property w/woodworking business, 2½ story house, barn, shop. Approx. 10 mls. S. of Strasburg, Lanc Co., PA. Benj. M. Stoltzfus, Box 54, Ninepoints, PA 17561

FOR SALE: 200 acre Franklin Co farm. 2½ story house w/farmland, woods, pasture, and stream. Priced right at $160,000 w/good terms for qualified buyer. 717-249-5005 after 5PM.

For Rent: 100 Acre dairy farm, Lancaster Co., Salisbury Twp. 85 Acres tillable. 203-776-2350.

For Rent: Dairy farm, 4 miles east of Myerstown. 45 cow capacity, modern facilities, good soils. Available April 1, 1986. 215-488-7596

For Sale: 116 acre farm, Hunters Valley. 20 acres timber w/streams in pasture. 2½ story house, large bank barn. One mile off Rt. 11 and 15 and Susquehanna River 717-838-3570, 814-263-4523.

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Livestock and Cash Grain. Many selling below market. We also represent buyers. Write or call for details.
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PINE GROVE - SCHUYLKILL COUNTY
95 acres m/l Super farmhouse in Excellent condition 2 full baths 4 bedrooms large family room with stone fireplace roof 4 yrs old new heating system 85 pretty country kitchen and dining room Large stocked pond oversize two car garage and shop bank barn and corrall Perfect Gentleman s Farm Offered at $180 000

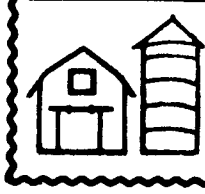
LEBANON COUNTY
158 acre m/l farm in Lebanon County presently set up as a layer operation 3 bedroom brick farmhouse with slate roof woodburner bank barn with slate roof 400 ft poultry building set up for 48 000 birds equip approx 5 yrs old Building could be converted to hog operation auto ventilation liquid manure system pir scrapers etc 3 wells 2x21 ton feed bins more call Slim for info offered at $250 000

LAND FOR SALE

HUNTERS PARADISE
50 acres m/l of the prettiest hunting hiking and camping ground you ll ever want to see Located in southern Sch County just west of Friedensburg Mostly hardwood and good thick deer cover it is a genuine pleasure just to walk thru the trails of this lush green forest located top of the mountain Private and secluded Will not last at only $25,000

ORWIGSBURG
13 9 acres of land part cleared part wooded in one of the prettiest sections of the county located just outside of Orwigsburg Substantial blacktop road frontage Must be seen Offered at $37 500 Excellent areas Call today

BARNESVILLE
40 acres some tillable blacktop road frontage nice piece of property Offered at $68 000
For more information or help in selling your farm or rural property call



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Dairy farm, 175 acres w/150 acres tillable large barn w/44 stanchions 2 nice homes stream & good spring on property Many other extras $285,000
Colonial Real Estate Agency
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1985 LT 9000 Tractor, 350 Cat., 13 Spd., Alum. Wheels, Loaded, Call For Further Specs & Pricing. Show Piece!
1979 KW, COE, 400 Cummings, Nice Truck
New 1986 Ford Cargo Truck In Stock With Ford Dsl. Engine
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1979 Mercury Zephyr Station Wagon, V8, AT, PS, PB, Cruise, AM-FM, Cassette, CB, Loaded, $2,795
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Sale: C850 Ford tandem truck, $4,000. Cobs, oats, ear corn. 717-444-3968.

STORAGE TRAILERS for rent or sale 301-771-4529.

Trailers For Sale: 42x13 trailmobile, 40x13 Great Dane, (2) 40x12.6 Great Dane stainless, (3) 40x12 6 Great Dane insulated, (2) 40' flats, 40' open top. Storage trailers for sale or rent. KEENS 717-626-5420

Trailers Priced For Quick Sale: 5000 gallon tanker, (3) short flat trailers, 40' drop deck, 43' hay trailer, 35' open top, (2) 35' storage vans. Also (2) '48 154 Brockway Tractors, Maxon 2000 lift endgate, 751 Arctic Traveler Electric Reefer, (3) Themo King Diesel Reefers, Complete wetline kit. KEENS 717-626-5420

36 REAL ESTATE

If you are planning to buy or sell your farm, call Lawrence Stouffer, our farm manager at Heyworth Realty, 301-733-3701 or 717-597-2584. We have qualified buyers.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

LARGE OPERATION: 20,000 birds equals $30,000 yearly income plus you get a 46 acre farm w/remodeled farmhouse & 4 car garage w/workshop above & nice tobacco barn. Accurately priced at $195,000. CALL NOW.

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12 acres, two 3 BR trailers w/some outbuildings. Located near Newmanstown. Less than ½ mi. to Wildlife Management, "Project 70." Reduced to $51,500. Financing Available.
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Real Estate
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FARM-INDIANA CO., PA.
200 Acre producing farm. Located along Rt. 210 ½ mile road frontage, approx. 100 acres tillable, balance hardwood timber & pastures. Fenced with 5 strand wire, never failing spring water Good Colonial style home with 7 rooms & bath, natural gas furnace, free gas for heating & spring water. A well maintained barn w/running water from pump or spring Set up for Heifers, Beef or Sheep but could easily be converted back to dairy cattle. Large underground crop storage building, heifer shed, cement block springhouse. Located on black top highway w/school bus, milk trucks, etc. past door
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AWARD WINNING FAMILY DAIRY
Beautiful true Colonial home and excellent 42 cow barn, 2" pipeline, 2 silos and 2 large storage buildings. 127 acres, nearly all tillable level land, 2 ponds. Everything you would look for in a smaller family farm. Owners are meticulous in every phase of their operation. **$175,000.** Super Registered herd of Jerseys and Spotless Line of Machinery available. This type of operation rarely comes on the market!

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Modern 200 Sow farrow to finish, Harvestore, 100 acres, 2 homes, plus 17 acre apple & peach orchard 4-12 yrs. of age. $329,000. Owner financing — **Low Low Down** — at 10% interest Call Peter.

95 acres, 75 tillable, no home, $1,550/acre Lease option, No down. Call Peter.

44 acre farm, 25 tillable, 2 homes - barn. $89,000. Rent w/option to buy. Call Peter.

150 acres, 115 tillable, Harvestores, feed lot for 200 steers. $169,000. Call Peter

Upper Dauphin Co.-Lykens Valley

100 acres, dairy barn, new tobacco barn, 85 tillable, nice level land, 3 to 4 bedroom home, excellent owner financing, 9% interest Low Down. $179,000. Call Peter.

90 acres, 85 nice level tillable, 3 bedroom home, barn $175,000. Owner financing. Call Ralph.

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18th CENTURY POINTED stone farmhouse built circa 1804 Picturesque setting among 113 acres (approx 75 acres tillable) $255,000

30 ACRES FARMLAND Can be subdivided Beautiful view $90,000

16.7 ACRE HORSE FARM with restored stone farmhouse with lovely shade trees setting far back from road 2700 sq ft living area Wine cellar $155,000

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NEW YEAR'S SPECIALS

A REAL BUY, 214 acres, 170 tillable mostly flat well drained land good alfalfa farm 2 story 48 cow barn machinery barn 3 BR home Ill health forces sale $78 000 Large financing available

GOOD FAMILY FARM, 200 acres 120 tillable 2 story 54 cow barn pipeline 735 gal bulk tank heifer barn and machinery storage, good 4 BR home $135 000 A good dairy for young cattle available

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FOR RENT: CROPLAND

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310 Acre Farm, mostly tillable, 3 to 5 years, $9,500 a year.

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Beautiful true Colonial home & excellent 42 cow barn, 2" pipeline 2 silos, & 2 large storage buildings. 127 acres, nearly all tillable, level land, 2 ponds. Super neat and clean. Asking $175,000. Super registered herd of Jerseys and spotless line of machinery available.

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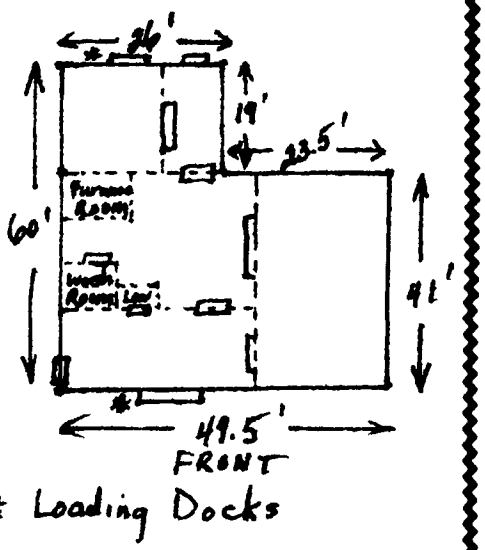
FARM FOR SALE:

Located in Lewis County, New York. Halfway between Lowville and Croghan. 300 acres, 150 tillable, free stall operation, parlor, full line of machinery, fully stocked 80 milkers, 60 young stock, sugar bush & plenty of water. 5 bedroom home, carpet throughout, wood & oil combination heat, inground pool. Asking $200,000 Stock $150,000 Bare.

Phone 315-376-3939

MODERN MULTI-PURPOSE BUILDING FOR SALE
(Formerly Used as a Butcher Shop)

Located near Dry Run, Franklin County, Pennsylvania (approximately 8 miles from Willow Hill Interchange of the Pennsylvania Turnpike).



A 6.46-acre tract of land with 540 feet of frontage and easy access to the Pennsylvania Turnpike via Route 75. This 6.46-acre tract of land is improved with a 50'x60' modern building (floor plan diagramed above), a 4-bedroom frame dwelling, 2 hog finishing houses (40'x80' and 40'x60'), various other out-buildings, 2 wells, a 2,500-bushel Circle bin, a 10,000-bushel Reed bin, an 18-ton Broch bin, a 12-ton Broch bin, a 10-ton Broch bin, four 16-ton Circle bins and a bucket elevator.

PRICE REDUCED - ASKING $75,000 - CONSIDERING ALL OFFERS!

Will sell bins and/or the 50'x60' modern building separately.

Must see this property to appreciate it.

For additional information, contact ***Valley Bank and Trust Company, P.O. Box 459, Chambersburg, PA 17201,*** Attention: Mike John or call (717) 263-2265, extension 323 or 254.

SKINNER HOLLOW approx 60 ac, small stream, plenty of frontage All or part $350 per surveyed acre (D458)

EXECUTIVE SUITE 3 BR brick & aluminum rancher Fireplace w/insert 2 car attached garage Scenic views Retire here $67,500 (D468)

CLOSE TO NEW DAMS 10 ac open & wooded Well, fantastic views Great building site $11,500 (D451)

LOG HOME LUXURY 3 bedrooms, 1½ baths, 15 secluded acres, fireplace & woodstove No Potter Co A splendid get-away $97,500. (D462)

LEHMAN HOLLOW 42 acres, mostly wooded, stream, private setting Owner terms $27,000 (D444)

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168 W. Main St.
Westfield, PA 16950
814/367-2222

71 AC. FARM, good farmhouse, 2 barns & hobby shop Private pond, good frontage & fields $74 500 OR 66 AC riverbottom farm old farmhouse/barn hard road, terms $59,500 (M1671) (M1500)

56 PRIVATE ACRES, 70% wooded, views forever, near State Land & recreation lake $33,000 OR 40 AC on hilltop, stream, pond, good access, $20,000 (M1732) (M1716)

PIG FARM, state-of-the art operation, ranch home Call details $150,000 (M1731)

RETIREMENT RANCHER, college town garden space $35,000 (M1728)

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ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
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BEEF/HORSE 290 Ac spread remodeled farm house fenced water new sheds etc one of a kind $205 000 (W991)

TRUCK FARM in Wellsboro 17 beautiful acres old farmhouse $27 500 (W971)

10 AC FARMETTE, farmhouse & barn tillable good access Won't last $42,000, low taxes OR 48 AC farm farmhouse pole barn, views & private $64,900 (W971) (W940)

MOTEL next to State Park, recreation lake State Land Exc 4 BR home clean modern units Call or write (W922)

MOBILE HOME on 42 acres of vacation paradise $25,000 (W815)

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VanCleve Real Estate
717-392-3032

FRANKLIN COUNTY

180 acre dairy farm, 42 stanchions, pipeline milkers, cow barn, brick home, nice set back from road.

KOONS REAL ESTATE
717-597-8300

FARM FOR SALE

107 acres, 8 room log house w/bath, 40x80 round roof barn, recently built hog finishing barn, mix mill, grain storage bin & dryer, located on paved road. Lebanon County.

717-867-1763

"Happy Holiday To All"

PENNA FARMS

FRANKLIN CO.

119 Acre Limestone Soil, 40 tie stalls 2" pipeline milker, 600 gal tank, 2 silos, large remodeled 5 BR frame dwelling (2 family potential), seasonal stream, road frontage Beautiful setting

75 Acres land, some w(SOLD)vith road frontage

107 Acre General, 86 acres tillable, 10 pasture, 8 wooded, large bank barn, wagon shed with attached garage, 3 BR brick dwelling, 2 streams

116 acre dairy, 80x168 complete dairy unit w/double 6 parlor, 1500 gal Mueller tank, 20x50 Stave silo w/unloader, 2(SOLD) & 24x70 sealed silos w/bottom unloaders (SOLD)tal feed mixer, 10 ton Schuld bin, 4 BR dwelling, LIMESTONE SOIL

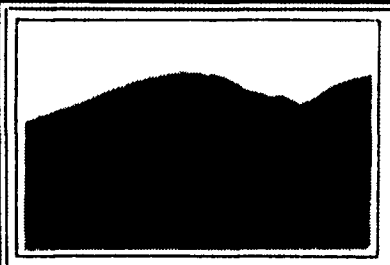
CUMBERLAND CO.

165 acre modern dairy farm, double 4 Herring Bone parlor, 99 free stalls, 2-20x60 Stave silos w/unloaders, implement storage, road frontage, MODERN 3BR dwelling w/fireplace and family room, attached 2-car garage

80 Acres, 50,000 broiler building, bank barn, implement storage, limestone soil, 50 acres + tillable, pasture & wooded, stream, modern 4 bedroom dwelling

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa
Ph. (717) 243-6195



CRAIG'S CREEK

128 acres 46 acres in rich creekbottom cropland 8 acre meadow 74 acres of game abundant woodland Adjacent to New Castle and adjoining Jefferson National Forest Equipment shed grainery livestock working/loading pen bunker silo good boundary fencing and over 3 500 feet of bold Craig's Creek Long paved road frontage In the midst of trout fishing country

$123,000

SAVILLE FARM

Outstanding 197 acre Shenandoah Valley farm near the Historic College Town of Lexington 101 acres open in cropland hayfields and pasture 96 acres in hardwood forest Attractive two story frame house with stone chimneys is shaded by large maples Barn grainery and beautiful mountain stream

$167 000

INDIAN BOTTOM FARM

402 acre Shenandoah Valley farm containing the area s finest creek bottom land with 137 acres cropland and 255 acres pasture Abundant water supply from bold Hays Creek and several springs and branches Fine main residence caretaker s house and farm facilities for cattle breeding/feeding and cash crops

$495 000

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Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you.

See the December 21 and January 4 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688
(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194

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State College, PA 16801
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$225/month. Barn & outbuildings, 170 acres available to rent also. All with option to buy, very attractive price. Northern Potter Co. Mills area.

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814-383-2631

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141 Acre working farm with equipment, all in extremely neat condition. $10,000 Alfalfa crop, ideal for livestock or trees. 12 Minutes from Schenectady, N.Y. and near Schoharie Valley. Agricultural tax exemption. Swedish Hasa, heats for free with farm wood, beautifully maintained 5 bedroom house, room for apartments. Lovely view. Offered by Licensed Salesperson Sarah Bishop,

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for McNAMARA REALTY

AN INVESTMENT IN HERITAGE

Close to Honeybrook lies 60 acres of fertile farmland Nurtured by our ancestors, this property has valuable potential. A 12 room stone house and two barns accompany this land Make this property your investment Call for more information ML 85767 717-569-5500. $298,000

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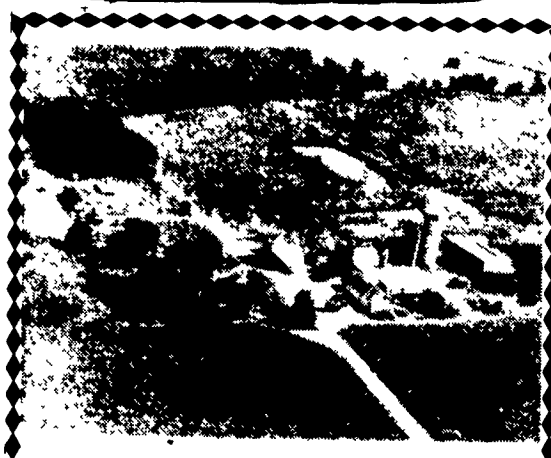
Lancaster, Pa. 17601

As We Enter The New Year, Our Wish Is For Health and Prosperity To All... Happy New Year To Everyone!

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122



DAIRY FARM
202 Acres

Cumberland County - Walnut Bottom (near Carlisle)

185 tillable acres level, rock free, fertile soil - two story barn with 65 - 75 milk cow capacity. 16x30 heifer barn, 40x80 loafing barn, 2 silos (20x60 & 24x70) with unloaders, 5 bay implement shed, pipeline milker, milk house with 800 gal. bulk tank, new 400 amp service, automatic bunk feeders (100' long), 2 ponds and good well. Dairy market available. Extensive hard road frontage bisects farm. Two dwellings - beautiful 12 room two story and modern 9 room rancher. Unusually attractive terms available. $410,000. Call Gale Bear at 717-258-6821 or write to 19 N. Baltimore Street, Dillsburg, Pa. 17019

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Auctioneer

ESTATES • APPRAISALS • LIQUIDATIONS

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32 Stanchion 140 acre dairy in Blaine area with brick house silo implement shed spring possession Owner will finance with easy terms Call today don t miss this one! Call Sandy 717 569 4264

Bradford Co - 106 acre modern dairy 59 stanchions 4 silos large YS area FHA assumable mortgage if you qualify at low interest Call John Bomberger 717 649 5861

Blair Co Large 200 acre grain & beef farm 400+ acres available of low rent super modern house 30 000 bushel grain facility Call John Bomberger 717 649 5861

Snyder Co 399 acre dairy 2 sets of buildings silos pond modern dwelling lots of implement storage in Middleburg area Leroy Hibbs 717 837 0265

Lebanon Co Poultry and general farm w/super modern home in ground pool Call Ken Young 717 426 1098

106 acre free stall w/modern milking parlor Harvestore Slurry modern house and lots of other buildings A super buy Owners open to offer Call Ken Young 717 426 1098

"We Serve Your Farm Needs"

Call

LANCASTER COUNTY CALL KEN YOUNG 717-426-1098 OR SANDY LEAMAN 717 569-4264
SNYDER & UNION CO CALL LEROY HIBBS AT 717 837-0265
NORTHUMBERLAND, LYCOMING, MONTOUR COUNTIES, CALL JOHN BOMBERGER 717-649-5861
DAUPHIN COUNTY CALL PAT KAUFFMAN 717 896-8958
BRADFORD COUNTY CALL BARBARA LA MONT 717 297 2619

FARMS FOR SALE

* **New Listing - Lycoming Co.**, 88 Acre Dairy
* **New Listing - Berks Co.** near Oley 109 Acre Dairy Farm
* **Chester Co. S. of Oxford 39 acre** (Former) dairy
* **60 Acre Modern Dairy**, Lebanon Co
* **Chester Co. Farmette.**
* **90 Acres Lancaster Co.**
* **New Listing - Cumberland Co.** 120 A Dairy near Shippensburg

Call James Marsh about the above properties
717-529-2678

* **209 Acres in Perry Co.**
* **178 Acre Dairy, Perry Co.**
* **100 Acre Woodland, Perry Co.**

Call Marlin Kreider about the above properties
717-627-8244

GENERAL FARM

* **101 Acre Dairy, Cumberland Co.**
* **New Listing - Cumberland Co.** 60 A General Farm
* **Over 250 Acre Dairy Farm.** Located NE of Hershey
* **188 Acre General Farm,** 2 mls E of Shippensburg
* **120 Acre Dairy, Union Co.**
* **4 Acre Industrial.** Just off new Rt 222 near the turnpike
* **3 Acres Commercial** on Rt 501 near Rt 76 in Bethel
* **New Listing** - 1+ Acres commercial north of Ephrata long Rte 322
* **New Listing - 162 Acre Dairy in Franklin County.**

Other farms in many counties available

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Real Estate Broker
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Longacre

BERKS CO.

• 140 Acre Farm features lovely 2½ story stone home, modern kitchen, dining room, living room, center hall, 4 large bedrooms & bath, large bank barn, 2 large machinery sheds, small horse barn, large storage bins, gently rolling land with pond & stream, $460,000

76 Acres General Farm-2½ story brick farmhouse, needs work, 2 story bank barn, double corn crib, large stream, private setting, $150,000

SCHUYLKILL COUNTY

• 234 acre woodland tract, joins state gamelands, borders Rt 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

MONTGOMERY COUNTY

• 82 acres, 65 till, balance woodland & pasture w/stream, general farm, 2½ story 5 bedrm house/LR, DR, Kitchen & bath, bank barn & other buildings, ~~$250,000~~ $235,000

TIOGA COUNTY

• 410 Acre, 220 tillable Dairy Farm with lovely 2 story home features good 46 stall dairy barn, pipeline, bulk tank, barn cleaner 2nd house, new 45x72 machine shed, shop & heifer barn, 18x60 and 12x35 silos, pond, stream, good ground, $325,000 Cattle & machinery available

• 800 Acre Dairy Farm 400 T 2 very good, lovely homes 83 stall dairy barn Steel pipe line, 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn $365,000 Full line of machinery and cattle available

• 122 Acre, 100 T dairy farm, 47 tie stalls with 24 free stalls, 800 gallon tank, barn cleaner, pipeline milker, 20x60 concrete silo with unloader, good house with kitchen, dining room, 2 living rooms, 3 bedrooms and bath $110,000

• 126 Acre farm, 70 T, 45 pasture, balance wood land Land only Near above farm $65,000

SNYDER COUNTY

• 186 acre dairy farm, 100 T, features modern 60 free stall barn w/milking parlor, 2 story heifer barn, and large machinery shed 20x60 and 20x70 Harvestore silos, lovely 2 story home with 3 bedrooms, kitchen, large living room/dining room, laundry and bath $210,000 Also full line of machinery available

POTTER COUNTY

• 116 Acre hunting ground 30 acres open balance wooded, borders 2 roads & river Possible Owner financing $50,000

BRADFORD COUNTY

• 110 Acre dairy farm, 80 tillable, 35 stall dairy barn with dump station, barn cleaner, 400 gal tank, 18x55 silo and 14x60 silo with unloaders and 14x32 silo, heifer barn and out buildings Large home with 5 bedrooms, kitchen, dining room, living room, laundry and 2 baths $150,000 Also cattle and machinery available under separate contract

• 5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank, steel pipe line, barn cleaner 20x32 Harvestore silo and 20x60 concrete silo Manure storage Modern Ranch home with 4BR's, Kit, DR, LR, Bath and Den $145,000 Also second house available

SUSQUEHANNA COUNTY

• 265 Acre modern dairy farm w/2 houses, 115 comfort stall dairy barn with pipeline milker, 2 large bulk tanks, barn cleaner, 3 large concrete silos, large free stall heifer & dry cow facility & large machinery shed, calf barn, lovely split level home features modern kit, formal DR, LR, family room, laundry, 2 baths, 4 BRs Large in-ground heated pool 2nd 2 story home, modern kit, DR, LR, family room, 3 BRs, 1½ baths Also, large new trailer 200 Head of dairy cattle, modern line of machinery including several large tractors. All for $600,000

• 565 Acre dairy farm Features 145 stall barn, heifer barn, large machinery shed, 2½ story house with kitchen, dining room, living room, office, family room, laundry, 3 bedrooms, 1½ baths 2nd House-Modern 3 bedroom with kitchen, dining room, living room and bath Apartment with modern kitchen, living room, dining room, 3 bedrooms, 1½ baths 3rd House New 2 bedroom, kitchen, living room and bath $750,000

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Farm Salesman - Eugene Kreider

FOR SALE OR LEASE

Established Agriculture Business

Located in the heart of Morrison Cove, two miles south of Martinsburg, Penn. Consisting of 1.6 acres of ground, which includes 3 warehouses and a garage of a total of 19,000 sq. ft

Fertilizer Equipment Available. Plus Other Equipment.

Excellent Location and Facilities.

Call For Other Possible Arrangements
Phone 814-793-2118

BEAUTIFUL FINGER LAKES AREA

550 + AC. DAIRY FARM, NEAR FINGER LAKES, 410 Ac cropland 15 ac grapes 160 ac pasture & forest 4 ponds 99 freestall barn w/walkthru milking parlor 1 000 gal bulk tank heifer/dry cow barn tool shed shop other outbldgs 3 silos w/feed meter box early 1900 10 rm 6 bd rm home 3 baths fireplace $300 000 **Excellent terms avail #2164**

NEAR ADDISON - 600 ACRE DAIRY, over 400 ac til balance rotating pasture & forest ponds stream 100 freestall barn plus 30 cow tie barn machine barns assorted outbldgs 2 silos Slurrystore system 3 homes garage **$253,000. Terms Available #2059**

NEAR DUNDEE 270 ac 185 ac til 85 ac wooded pond stream 92 cow tie barn pipeline milkers 2 800 gal bulk tanks 2 silos w/unloaders pit silo, loafing barn calf barn workshop w/19' doors, hay barn 4 bd rm home extra mobile home hookup $250,000 #2384 **Additional 400 acre adjoining farm available**

SOUTHERN TIER 320 AC. DAIRY - 150 ac, til, 140 ac mixed forest, ponds 46 stanchion barn, newer metal pole barn w/doors large enough to accommodate tall machinery horse barn newer 3 bd rm raised ranch w/2 5 baths att 2 car garage **Reduced to $85,000 #2378**

NEAR FINGER LAKES - 200 ACRE GEN FARM - 150 ac til, 20 ac wooded fenced pasture springs stream 3 drilled wells 75x60 35 stanchion barn milk house 400 gal bulk tank gutter cleaner corn crib, conc silo w/unloader 2 story heifer barn w/water & elec Early American 9 rm, 5 bd rm home, newer elect Newer siding & hot water tank machinery avail excellent beef sheep horse farm Call for private showing $175 000 **Excellent Owner Terms Additional land avail for lease #2404**

BATH AREA - 25 AC RETIREMENT OR HOBBY FARM - 20 ac wooded, stream 16x20 barn 20x24 shed 2 bd rm ranch home w/lovely sun deck fully insulated 2 car garage w/insulated room for liv quarters $39 900 #2412

MANY OTHER HOBBY FARMS AVAIL

BUSINESS OPPORTUNITIES

OFF SOUTHERN TIER EXPRESSWAY - HIGH DENSITY AREA - Racquet ball health spa saunas exercise/workout rm showers lockers office lounge liv quarters Equipped $180 000 Excellent owner terms #2214

LAKE REGION - LONG ESTABLISHED EQUIPPED GROCERY STORE - 3200 sq ft bldg carriage barn for storage & garage large parking area liv quarters 3 acres $64,900 plus inventory #2346

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120 Tillable, three almost-new Ribstone Silos, 45x90 Barn w/60x90 addition. All concrete feed lot, (2) 60 Ft taper board feeders, large frame farm house, excellent location near Shoemakersville

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NEW LISTING: Cumberland Co 206 Acres - 180 TA of good level limestone soil, huge brick farmhouse, (3600 sq ft) with new roof - very attractive setting! Morton equipment shed, silo, several garages, bank barn w/obsolete dairy facilities 1 8 mile of road frontage West Pennsboro Twp Call today for real treat if you can appreciate the historical value of this unique property

NEW LISTING: Amish area of York Co - 230 Acres of mostly Chester Loam Soil, 164 acres tillable, pond, stream, 4 BR frame house, (new) equipment shed, obsolete 30 cow bank barn w/large open pens, 2 silos 12x52. This tract has 3 deeds - easy to split for Amish!! High state of cultivation, call now.

ALL KINDS OF OPTIONS: 342 Acres nice dairy operation, 60 stalls, 20x70 Blue and 2 14x45 silos. Beautiful setting with 2 good streams in Bedford Co. Very large bank barn, pipeline, bulk tank, manure pit, large equipment shed, corn bins & very nice 3 BR tenant house. Main house is totally electric. 235 TA of the type of soil you will love to farm. Best of all owner quitting farming because of age & health, offers other options like turn key operation, full line of cattle and equipment or owner financing - will look at all options.

15 ACRE FRUIT FARM: with over 550 ample trees plus grapes, pears, apricots. Beautiful 2 story brick house, bank barn & garage includes farm equipment. Stream & small woods, Adams County.

33 ACRE (No Buildings) in Lancaster County - Bart Twp. 1½ acres woods, 2 entrances from hard roads - will sub divide.

120 ACRE CUMBERLAND CO. DAIRY FARM: Limestone soil with approx. 100 TA. State road runs thru middle of farm w/nice length of field on both sides. Equipment shed, corn barn, 2 silos, extension built out front of bank barn, and double stone & brick house w/attached garage.

97 ACRES OF GOOD RIVER BOTTOM SOIL: w/2 story framed tenant house & 2 story brick farm house, huge bank barn, milk house & corn barn, very special deal. Call today.

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30 to 100 acres, old house ok, but must be completely renovated and MODERN. Brokers protected. Berks, Lancaster, Lebanon & York Counties. Please submit to:
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MAILBOX MARKET
FOR SALE

Flashy 3 year old Paso-Quarter horse colt. Green broke, $900 or best offer. Howell, N.J. 201-363-6072.

McCor. Deering Feed Grinder, belt driven 6", $50. Wanted: Elevator small for corn/hay, any condition. Cumb. Co., 717-776-6690.

Metal parts drawers, side slots for multiple storage, 4½x5½x18, $.50 ea. Good condition 5 7.00x18 tires, $5.00 ea. Chester Co. After 5 p.m., 215-942-3210.

1 Propane space heater for milk house. Also, propane hot water heater, 70 gal. 1 milk house, double tubs, Berks Co., 215-689-5382.

Foley sharpening equip. Auto. saw filer, trip setter, circular saw grinder, good cond. Heavy dump trailer. Lanc. Co., 717-354-5060.

3 pt. snow blower, 8', $975; 7' Vee snow plow, $250. 215-536-0151 or 717-992-4446, Monroe Co.

Garland gas oven, 2 decks for pizza or general baking. $1,000. or B.O. Salem Co., NJ. 609-694-3448

Ford 3 ph rear mounted loader complete w/books, $100.; Portable cattle scale, $300. Lehigh Co. 215-967-3957

National cash register 4 dept., good condition, $100.; Dog or goat cart, $100.; Pony wagon, $750. Lanc. Co. 717-569-5150

Horse & cattle hay by bale; Horse drawn side rake; 6' mower on steel wheels; Tractor 8N, excellent condition, new rubber. 215-346-7410

Paper handle bags 6¼", 4¼", 6½", 500 per case, $6. Write for sample: Andrew Stauffer, Rt. 663 MR1, Pennsburg, Pa. 18073.

Approx. 5 ton 3rd cutting alfalfa hay, no mold, no dust. $110. a ton. Northampton Co. 215-837-1086

Apple firewood only $55. cord. Also Delicious, Cortland, and Northern Spy Apples at low prices. Columbia Co. 717-672-2638

'65 Chevy pu, 4x4, 350 V8, strong mechanicals, some body work needed Chester Co. 215-647-4488 weekdays, 215-444-6108 otherwise.

10' truck camper, complete. Hunt, fish, travel, propane, electric 110v-12v, $1,090.; 5' spring tooth harrow, $165. Chester Co. 215-932-2453

(2) AQHA colts, Poco Bueno, 3 Bars breeding. Will trade for Paint horse or cutting saddle. B. Harpster, R.D.4, Box 149 Q, Bellefonte, Pa. 16823. 814-355-4215

Alfalfa hay, large quantity. Also Orchard grass, rye and oat straw, mulch. Can deliver. Hunterdon Co., NJ. 201-782-5304

(6) Reg. Holstein Heifers, 2 to 3 mon. old. Levi M. Stoltzfus, 31 East Eby Rd., Leola, Pa. 17540. Lanc. Co.

Caterpillar D4, $500. or Best Offer. 215-445-4516 ask for Willis. Evenings 215-445-5252

Trailer dual axle, 12'x6' heavy duty new; Motorcycle 1982 Yamaha 400. York Co. 717-993-3350 after 7 p.m.

17 B.G. Dutchman Brooders, 3 Sherndoah Brooders; 4 Hot Rock Brooders; 50 Plasson Waterers; Jamesway Feeder. Chester Co. 215-286-9186

8 yr. old American Saddlebred Carriage Horse, traffic safe and sound. Also 9 yr. Saddlebred Buggy horse. Lanc. Co. 215-445-4637

Atlanta upright coal stove, good condition, $150.; Monarch kitchen coal wood stove, good condition, white, $500. Perry Co. 717-567-6710

7" grain auger, 16' long, new never used. Also JD model 40 combine, needs some repair. Leb. Co. 717-933-5352

(3) Registered Dorset Rams, $150. a piece or all for $400.; (1) Fimm-Rambioullet Ram, $150.; MF 175 diesel, $4,900. or Best Offer. Cambria/Lanc. Co. 814-344-8659 or 717-354-8832

Excellent condition, good looking 1965 Ford Tank Truck, very clean, 1,500 gal. capacity, good rubber, $2,500 301-658-2900 Days.

Oil Furnace, 6'0" drawing table w/light, 25 pcs. new PVC 10'0" dropping boards, 2-7½ h.p. motors. Berks Co. 215-926-3200, after 6 p.m. 215-777-1129

8 Bomatic stretch bore shells & changing tool, $125. or Best Offer. Lanc Co. 717-733-4647

Deutz 6006 tractor. Also 185 AC, just overhauled; Farmhand Barr mill; NH windrow pickup head. Lanc. Co. 717-656-8531

1973 Ford 750 w/16' Hostetler cattle rack, 391 motor, 61,000 miles, 5 + 2 trans., excellent condition. 315-536-8233

1 MC Deering steel wheeled wagon, 1 belt pulley fits MF 65. Northumberland Co. 717-275-3309 after 5 p.m.

Holstein fresh Grade heifers Free Beagle puppies. Perry Co. 717-789-3687.

Bauman cattle water bowls, Bran valves, plastic bowl, vertical rear nose paddle, List $27.95, Now $21.95 until Jan. 31. Leb. Co. 717-865-5028.

Kubota B6200, 4WD hydro. drive, $5,800; snowblower and mower, 1 yr. old, excellent condition. Franklin Co. 717-532-9234.

Makita 15¾" wood planer, $750; Craftsman floor model drill press, $95; Duo-fast air staple gun, $50. Leb. Co. 717-867-1381.

Ford 9N, good tires, front end loader, $1,500. Lanc. Co. 717-684-3007.

IH 540 manure spreader w/hyd. endgate, very good, $1,200; Clay 50' auger type bunk feeder, $100. Monroe Co. 717-629-0849.

Two pt. hitch mower and trailing hay conditioner, 2R corn planter, 2 metal corn cribs. Bucks Co. 215-355-1246.

Chesapeake Retrievers, AKC, 7 wks. old, excellent bloodline, $150 ea. Kent Co., DE. 302-653-7926

IH TD9 dozer blade and pulley, real good condition, $3,000. Leb. Co. Gideon Fisher, RD2, Myerstown, PA 17067.

Seven ¾ Rottweiler, ¼ German Sheppard pups, $100. Ready Jan. 1st. Carlisle, Cumb. Co. 717-243-8328.

Butchering Equip.: Small elec. grinder, cast iron kettle, kettle furnace, sausage stuffer, JD tractor. Dauphin Co. 717-838-4776.

9' Brillion sprocket cultipacker, good cond., $125. Can Truck. York Co. 717-235-2032.

Home grown clover seed, $50 a bushel. York Co. 717-927-6084.

(2) Fruehauf 28' alum. dump trailers. For more info., 717-733-7947 or 274-3766. Lanc. Co.

New stainless steel buggy harness, also pony harness, work & driving harness on order, parts. Norman H. Shirk, 717-445-4709.

1978 Jeep Wagoneer V8 automatic, loaded, 78,000 mis., blue, nice, $2,895. Berks Co. 215-589-5613.

Registered Quarter horse gelding, 16.0H, 5 yrs., shown successfully. Must Sell. Reasonable to good home. Lanc. Co. 717-898-0946 or 898-8420.

Ford plow 142, semimount 3 bottom, $800; top buggy on steel w/hyd. brake, $750. Lanc. Co. 215-445-6345.

Used Vermeer Round Balers, 403F, 504F, 605C, 605F, 605G, 605H; Rakes, Tedders, Haybines, Discbine, Moweres. Westmoreland Co. 412-423-4076.

Dauphin Co. 57 acre farm, 8R house, outbuildings, wonderful view. Small deposit. Will hold settlement in 6 months. Sally Buffington, R1, Box 230, Elizabethville, PA 17023.

Singer Class 78 cylinder arm walking foot sewing machine. Berks Co. 215-367-9622.

Second crop alfalfa hay, some mow burnt, no rain, $50/ton. No Sunday Calls. Union Co. 717-922-1135.

1972 Ford truck, ½ ton, 302 at. new tires, studded snow, new dual exhaust, inspected, 71,000 on motor. $1,100/OBO. Lanc. Co. 215-445-6300.

Registered Holstein heifers, all ages, AI breeding. Jefferson Co. 814-328-2544.

706D FH, $4,100; NH 845 roll baler, $4,800; 5HP air compressor Phase 1 Stage 2, new, $1,050; 1979 F150, 4x4, 35,000 mis., $4,850. 304-229-3917.

8' "V" snowplow off B JD or will fit most any narrow frontend, $225. York Co. 717-244-0770.

Walnut bedroom set; marble cocktail table; Maple student's desk; 20 ga. pump shotgun; stereo player; Maple platform rocker-Reasonable. Adams. 717-677-7387.

Snow tires, 1 pair steel belted radial studded on rims, were on VW, 165SR15, good tread, $45. Lehigh Co. 215-767-3757.

IH snow blade for Cub LowBoy, will fit 154, 184 or 185, excellent cond. Berks Co. 215-944-9267.

5HP motor, 220 single phase, good, $175; new 200 AMP switch box, 3 phase, $600. Westchester, 215-696-1703.

Timothy Hay: 230 bales no rain, take part or all at $1.50/bale. Montgomery Co. 215-754-6093.

Registered Polled Herefords, quarter horse mare, filly & gelding, Morgan gelding. All excellent breeding, reasonable. Mercer Co., NJ. 609-737-2135.

Minnich tobacco press, $125; Fairbanks portable platform scales, $90; Howe portable platform scale, $80. Lanc. Co. 717-626-5751.

Fisher stove, Universal milk meter, A.O. Smith hot water heater. Lanc. Co. 717-687-0312 before 2, G. Boas.

Three Singer wall mount elec. heaters, 13,660 BTU, cables, manuals; F-20 manifold, radiator core; SC Case manifold. Sch. Co. 717-345-4489.

AC G cultivators, plow blade, full hydraulics, good condition, $1,800/offer. Annapolis, MD. 301-841-5194.

1979 Ford L/N 700 Cab and Chassis, 370, 5+2, 10-20 tires, 27,500 GVW, PS, 166" WB, good cond., $7,000. Cambridge Co. 814-472-7038 after 5PM.

1970 Ford L/N 900 truck tractor, 477 gas, 5+2, 10x20 tires, 9,000 front and 22,000 rear axle, air brakes, $3,000. Cambria Co. 814-472-7038 after 5PM.

Warm morning wood heater, like new, $400; large shop stove-coal or wood, $60. Danial Kauffman, RD2, Box 156, Honeybrook, PA 19344.

Young York Landrace bred sows due starting April '86, production records available. Bred Duroc Hampshire, selling out. Schuylkill Co. 717-648-1096.

Nine cow stalls and water bowls, 12x65 Holiday-Manor mobile home. Must Sell. $7,500/Make Offer. Will Finance. Lanc. Co. 215-445-6453.

Belsaw sawmill Model A24, 12' carriage, 3HP 48" saw. Sell or trade for larger mill. Dan Troyer, Rt. 1, Box 85A, Wyoming, DE 19934.

Large Holstein hiefers, blood tested, due Jan. to Mar. No Sunday calls. Lanc. Co. 717-354-5974.

Central Florida, 20 acres w/nice house and Morton building, good rich soil for cattle or vegetable farming. 904-793-3414

Elevator hyd. unit w/50' hoses, guaranteed light weight 1234 horse hitches, yokes clevis, middle rings Christian Fisher, 74 S. Ronks Rd., Ronks, PA 17572.

Canning jars, approx. 3 doz. pint, 6 doz. quart, 5 doz. 2 qt., $20 lot. Can deliver locally. Lebanon, 717-838-2922.

10-10 gal. milk cans, snowplow for tractor, 8½' York Co. 717-266-1363.

1978 Ford F250 custom 4WD, 351-2V, 4SP, PS, PB, AM-FM, sliding RW, chrome stepbmpr., new insp., $3,700/OBO. Lanc. Co. 717-367-0564.

Minnich tobacco press, platform scales, chisel plow, 930 Case diesel tractor, 345 Mustang skid loader, 1240 JD 4R corn planter. 717-684-3579.

1½ ton triple spur geared chain hoist, double hook, new, $200. Chester Co. Eves., 717-529-6424.

8' scraper balde, 3 pt. hitch, 150 gal. tank & hand pump, each $100. Berks Co. 215-689-9168.

Heavy duty machinist vise, 6" jaws open 8", $300 new, sell for $125. Leb. Co. 717-949-3020.

Purebred Shropshire rams, aged ewes, ewe lambs. Drenched and vaccinated in enterotoximia. Leb Co 717-949-3653.

Palomino gelding, 11 yrs old, 15.2 hands high. 215-679-6426 after 6

JD 1050, 4WD diesel tractor w/loader, White 4R no-till planter w/JD Max-emerge units and monitor, $2,600 Juniata 717-694-3888.

Two Big Dutchman automatic poultry feeders w/200' chains ea. Seven Premier gas brooder stoves Lanc Co 717-687-6377.

Suburban wood stove, never used, $200, Also a good ironing board. Lanc Co. 717-442-8317

Amish closed carriage, like new, lights, block brakes Best Offer over $2,000. John R. Martin, South Shirk near New Holland. 717-354-9689. No Sunday Calls.

Electric furnace 65475BTU/HR fan forced heat, excellent condition. Made for duet work. Chester Co 215-273-2620.

Good as new used milk can, $30 ea. Juniata Co. 717-463-2775

One Yorkshire boar pig, service age, very active, $185. Lanc. Co., Gap, PA. 717-354-9840.

Two Yorkshire Landrace cross boars ready for service. Daniel Z Stoltzfus, 447 Willow Rd., Lanc., PA 17601.

Swab wagon, A-1, priced to sell at $1,000. 717-582-4635.

Pure Landrace boar, no papers. Burly, Chief, Eros bloodlines. Born 5/17/85. Asking $200. Leb. Co. 717-964-2185.

1250 gal. Surge milk tank w/auto. washer, ⅔HP compressor; 500 gal. Zero milk tank, 3HP cmpressor. Hunt. Co. 717-533-7328 or 814-542-8917.

Mixed alfalfa, brome and timothy hay; old ear corn, $65 per ton. Perry Co. 717-789-3365.

NH 354 grinder mixer w/17' folding discharge auger, $1,000. Lanc. Co. 717-285-4847.

MF 135D, new quick-tach 380 Allied loader, new tires, hyd. outlet, PS, rear weights, differ. lock, good condition, $7,000. York Co. 717-993-2309.

17HP Bohlens 4WD diesel tractor w/mower, loader, disk, 3 pt. blade, cultivator, post hole digger; 14' tandem axle trailer 717-442-4279 eves.

Bucyrus Erie well drilling rig 22W 36 ft., 2 piece Derrick, 6 cyl. Continental, needs rebuilt. Best Offer. Perry Co 717-789-3114.

9' spring harrow, good cond., needs paint, $275; also 9' fert. spreader w/alfalfa seeder. 717-687-8893.

Century 5 star AC-DC welder, used 90 days, best offer. 717-653-1748

AKC Airedale terrier pups, good for farm and home. Pick yours by Christmas. Leb. Co. 717-273-5900.

Wheat stubbles, alfalfa mixed hay, 500 bales. 2nd cutting orchard grass hay, 185 bales. Cumb. Co. 717-258-3994.

Snowco grain cleaner, $600; Wisconsin gas engine, elect. start, 7½ HP, $300; 20.8x34 11Lx16 tires tubes. New Castle Co. 302-368-4159.

JD 2440, roll guard, ind. pto, 2,100 hours, $8,900; Farmall H w/loader for parts, best offer. Leb Co. 717-866-7066.

Acorn barn cleaner, some almost new parts. Leb. Co. 215-589-4879.

6 farrowing crates, used very little w/waterers. Lanc. Co. 717-733-8925.

AC model 2209 disc harrow, 8½' w/cylinder, good clean cond. Can deliver, $650. Lanc. 717-898-7322 or 717-392-8548.

Hobart slicer, $125; stainless steel milk can, $65; 60 lb. hanging scale, $50. Mont. Co. 215-723-7158.

1951 F600 Ford truck for parts, good dump body, rear trans., 9' Brillion cult., 4" axel. Berks Co. 215-929-0851.

9 feeder pigs, 6 weeks old. Berks Co. 215-921-8765.

1952 Cadillac Coupe DeVille for parts; 1952 Chevrolet for parts; 1968 Buick Electra 225 for parts. York Co. 717-432-4543.

Int. 454 tractor, good cond.; also TD6 crawler parts. John G. Hoover, RD 2, Box 717, Ephrata, PA 17522.

DeLaval sytle Super Flow view claws, $88. Free trials! Free shipping. Emanuel S. Zook, 145 Peters Rd., Kinzers, PA 17535.

350 Farmall, power steering, fast hitch, TA, good rubber, S-remote, Ind. pto, good cond., $1,995, best offer. 717-653-9554 after 7 PM.

2 Jersey heifers: 1 breeding age, 1 a little younger. Blair Co. 814-695-3293

65 Dodge 1 ton truck w/hitch and 11' dump bed; 18' hay trailer w/dual axles; complete farrowing crate. York Co. 717-244-0624.

World book Encyclopedia and Childcraft and World book Dictionary, $2.75 or best offer. Lanc. Co. 717-872-8553.

Cabin 5?? Dr well, septic system, 2 car garage, 2 miles from state park along Rt. 233. Cumb. Co. 717-776-5113.

Plain paper copier, letter and legal size paper holders, dry powder toner, stream feeding feature, $675. Lanc. 717-354-8288.

Gooseneck Hoch trailer, upright grain bins, 250 beer can collection and display rack, feed grinders, F-350 Gooseneck flat carbon. 215-826-5855.

2 cylinder 340CC Kohler fan engine, electric start, clutch and carburetor, $350. Lack. Co. 717-563-2257.

Plow for 100HP tractor or more. Presently mounted on AC 200 tractor, $500. 215-273-3376.

2400' Dried Lynn lumber, rough cut for bushel crates. Amos Beiler, Madisonburg, Pa. 16852.

Wisconsin 2-cyl. model TFD engine w/starter. $280. AC crimper, good cond., $160. John A. Stoltzfus, Box 24, Rebersburg, Pa. 16872. Centre Co.

Firewood, seasoned oak & hickory, Aquilla R. Stoltzfus, Kirkwood, Lanc. Co. Noble Road near Bartville across from Elementary School.

NH 36' elevator, needs repairs, wind damaged, $250. Juniata Co., 717-535-5247.

Two Reg. Morgan Colts, one Chestnut w/rear white socks & Star 9 month. Also, Bay Colt. Bedford Co., 814-766-2325.

Donkey female, great pet, 6 yrs. Will drive, $150. Also, beautiful buckskin pony, 6 mos., loves kids, $50. 215-857-9476, Chester Co.

Valiant son born 11-84. Dam 19,000 16.M. 2 yr. by Pete. Grdam. 3 rec. over 20,000. Omar S. Kauffman, R#2, Honey Brook, 19344.

Jersey Cows, suitable for Dairy herd or family cows. Priced reasonable. Juniata Co., 717-436-8790.

Wood Shaper, Craftsman, 27"x19", C.I. table & C.I base, ½hp motor, spindle speed, 9000 rpm, 8 cutters, split fence. $265. 215-539-0468.

AC tracotr, XT 190 diesel, one owner, 2900 hrs., very good condition, $5500. 717-683-6802, 717-784-1779. Columbia Co.

1850-D Oliver w/cab & duals, good rubber, very sound mechanically. 717-437-2965 or 717-649-5962 evenings. Montour Co.

100 hp 3-phase motor, $800. 8' turf aerator, $350. Pony sulky, $150. 1 Ton scale, $450. PTO cement mixer, $250. Dauphin Co., 717-286-5306.

6 Ton Centerville Tag-A-Long trailer, good condition, $1300. 717-896-3656, Dauphin Co.

Kawasaki KLT200 3-wheeler, make offer. 717-899-6080, Mifflin Co.

1962 Int'l., 17,000 lbs. GVW, stake body, lift gate, runs, but needs work. For info. call Carl King, Mont. Co., 215-287-6286.

Registered Nubian Dairy goat kids. S.A.S.E. for sale list. Breezy Timber Farm 20325 Kirkwood Rd., White Hall, MD 21161.

Case 510 Ag Crawler. IH 656 gas gear drive, WFE, stored inside Both in good condition. Schuylkill Co., 717-889-3859.

1977 Ford Custom Explorer pickup, no rust, $2850. Also, 1980 Kawasaki KL 250 street/trail, $475. Lebanon. 717-865-2004.

JD Snow Blower for 110-200 series. Also, blade. 48" Case Snow Blower. Hunterdon Co., 609-466-2375.

Used VanDale feed mixer 100. No scales. 814-692-8311.

Tourch with bottles and cart, $375. Century 250 DC 295AC welder, $500. Almost new 3 point bale fork, $125. 717-273-5673.

JD 494A Planter w/liquid attach. Badger 560 Barn Cleaner unit. 3 Purebred Guernsey cows. Tioga Co., 717-549-8189 or 717-549-2195.

Sorrel carriage horse. Also used as second or third horse in field work. 717-656-9403.

Soybeans. Small IH manure spreader, $395. JD 10' transport disc harrow, $675. DeLaval #77 milker pump w/3 hp motor, $295. NH 78 Baler, $450. 717-354-0266

NI 305 2 row mounted corn picker, mountings for IH 560, $1000. Lycoming Co., Pa. 717-546-5733.

AC B, cultivators, draw bar, new magneta. Good conditon, good tires, plow wheel weights, asking $1,000. York Co., 717-252-2656.

IH 350 utility w/loader, very good cond., $3695. Cletrac crawler w/7½' Meyers snow plow, $1095. Berks Co., 215-926-2446.

Driving and saddle horses for sale with papers. Sound and ready for use. Both completely sound. Mifflin Co., 717-899-6419.

Oliver model 33 self-propelled combine, good tires, kept inside. 717-334-0164. Adams Co.

Truck bed, 12' long, 6½' wide, 3½' deep, wood, bottom covered with metal. 717-367-2587, Lanc. Co., Pa.

'69 Ford Twin I-beam pickup truck, 8' body, cap, V8, posi'trac, good cond., $750. Cumb. Co., 717-776-5357.

Alfalfa Hay: 700 bale 2nd cutting, some rain, 15% protein, $75/ton. Cumberland Co., 717-532-6367.

Ford Jubilee w/Sauder loader, rebuilt engine, new clutch. Desire to trade on larger tractor. Lanc. Co. 717-872-5712

42" Snow blower for narrow frame Cub Cadet. Berks Co. 215-683-3094

Alfalfa, Timothy, Stubble Hay in barn. Also corn fodder in field. Make Offer. Leb. Co. 717-933-5370

MAILBOX MARKET
WANTED

750x20 bar tread tire for ground drive manure spreader. Cumb Co 717-776-3572.

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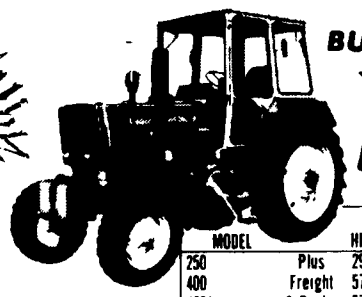

MODEL	HP	BEFORE REBATE	NET CASH
250 Plus	29	$6 999 30	$5,499
400 Freight	57	$12 888 00	$10 375
420* & Dealer	57	$14 081 00	$11 288
500 Prep	70	$13 200 00	$9 995
520*	70	$17 950 00	$14 950
611 Less Trade In	60	$15 727 00	$12 385
800	85	$16 635 00	$12 995
820*	85	$19 596 00	$15 200
822 4WD w Cab	85	$21 995 00	$17 490
1500c	165	$42 985 00	$36 985
Engine Ideal for 29 Skid Loader		$2 595 00	$2 395
Lime Manure Slurry Spreader 450 Bu		$7 200 00	$6 500

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Local Pick-up & Delivery

Wisconsin & A.C.
Honda - Kawasaki - Briggs-Stratton

- 5% OFF On New Wash Machine Engines With Ad Order by Jan 10, 1986
- Maytag Wringer Washers
- Lawnflite Reel Mowers Sales & Service

SAVE SAVE

Call (717) 656-7742 7:30 to 8:00 AM Mondays

Stoltzfus Engine Service

2447 Stumptown Rd., Bird-in-Hand, PA 17505
½ Mi. East of Witmer

SAVE

take a closer look!

there's just no substitute for a HiPerForm!

MUELLER HiPerForm

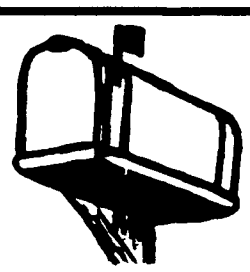
Used Tanks & Compressors Available

MARTIN'S REFRIGERATION SERVICE

Phone (717) 352-2783
Sales & Service

1122 Woodstock Rd
Fayetteville Pa 17222

MAILBOX MARKET AD FORM



(Attach Your Mailing Label Here)

Check One:

For Sale _____ Notice _____ Wanted _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper, no business ads accepted.

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz, PA 17543

No Phone Calls Please

PUBLIC SALE

OF REAL ESTATE & PERSONAL PROPERTY

SATURDAY, JAN. 11, 1986

AT 8:30 A.M.

LOCATION: At The Lemasters Community Center, Lemasters, Franklin County, Pa., 13 miles southwest of Chambersburg, Pa.

REAL ESTATE

The Property belonging to the late Clarence W Hunsberger located at 11874 Ft Loudon Road, Franklin Co , Pa , 5 miles south of Mercersburg, Pa , on State Route 75 South Containing approximately 2½ acres with 235' frontage on Route 75 Improvements are a 2-bedroom brick ranch-type house, with utility room, kitchen, dining room, living room, wardrobes, wall to wall carpet, thermopane windows, insulated, full basement, full bath, and ½ bath, attic storage, water sewage softener, garbage disposal, electric heat, electric hot water heater, one-car garage attached to the rear of house with overhead door, good well of water On the rear of lot is a garage and shop with overhead door Fruit trees and shrubbery.

TERMS OF REAL ESTATE: 10% down; balance within 30 days. Detailed terms on sale day. Inspection - December 28, 1985, and January 4, 1986, 10 a.m. to 2 p.m., or call (717) 328-2453. Sale of Real Estate at 1:30 p.m.

PERSONAL PROPERTY

Furniture: Oak 5 leg, 5 board dropleaf extension table, oak highback, beveled mirror, carved, brass pulls buffet, oak ice box, square all glass oak china closet, oak dresser, oak stands, oak chairs, oak library table, oak secretary bookcase, no door, oak chest of drawers, cherry dropleaf extension table with 6 boards, solid end jelly cupboard with back and shelf, walnut carved 5' library table, walnut Frank Angle high slant top desk on legs, no lid, washstand with wooden pulls, spindle cradle, veneered Empire butler's chest of drawers, walnut stands, cedar chest, chest of drawers, walnut double bed, spool bed, porch swing, good Wonder Wood automatic woodstove, rockers, 2 Hollywood single beds, Q A dresser, cherry lamp table; metal bed complete, air conditioner, Whirlpool automatic washer and dryer, sofa bed, Modella player piano with rolls, 2 piece E A wood trim living room suite, color TV, washstand, round pedestal stand, 6 chair breakfast set, maple china closet, Lazy Boy chairs, M W gold side by side 3 door frostless 22 refrigerator, Philco double door refrigerator, True Cold upright deep freeze, wood burning heatrola, 2 cook stoves--one a Monarch, white, like new, ground top, shelf, water tank, good fire box, etc

China, Glass, Pottery: Granite, Virginia Rose, Corning, Carnival, milk, Kings Crown, coin, red, colander, souvenir, oriental, cats, jugs, crocks, centennial, platters, cake stand, vases, chickens, wash bowl and pitcher, berry sets, cups and saucers, salts, Hummels including '73 plate, pitchers, creamers and sugars, cranberry, pattern, pressed, etc WELSH RUN CHURCH OF THE BRETHREN, Surplus Items - Early ironstone such as bowls, handless cups and saucers, pitchers, Johnson Bros , etc glass pitchers, one Heisey, 20 Leedstype dinner plates, tin cups, tin spoons, knives and forks, oak chairs, etc Will sell at 11 A M

Miscellaneous: Oak treadle sewing machine, new service for 12 stainless steel flatware set, iron skillet including 12" griddles, iron waffle iron, grinder, pressure cooker, pots, pans, kitchen utensils, electric fans, all small electrical appliances, hanging, kerosene, table, floor and dresser lights, Tupperware, silverplate pitcher and platter, pewter spoons, forks and knives, gasoline iron, sad irons, butter prints, Morse code telegraph, clock picture, pictures, mirrors, razors, tuning forks, books, baskets, butchering kettle, flesh fork, ladles, stirrer, snout hooks, post cards, milk can, 10 good molding planes, churn, wood tubs, benches, grain cradle, buggy robe, quilt, comforts, throw rugs, homemade quilting frames, etc

Outside Items: Ford 8 N tractor, Snapper riding lawn mower, good Acme rototiller, 3 forward and 1 reverse 10 H P , 3 garden tractors; 20 gallon Mighty Mack trailer sprayer with gasoline motor, Dynamark chain saw, good seed planter; Dewalt radial arm saw, Craftsman 6" jointer, good router, shop vac, emory, jig saw, elec drill, elec hedge trimmers, garden and hand tools, lumber, rubber-tired wheelbarrow, corn sheller, 28' double aluminum ladder, step ladders, etc

Automobile: 1978 Chevrolet 4-door Impala, air, power, 50,000 miles, clean Will sell at 1 15 p m

AUCTIONEER'S NOTE: I repeat these times: I will start at 8:30 A.M.; Welsh Run Church of the Brethren items at 11 a.m.; auto at 1:15 p.m.; real estate at 1:30 p.m.; tractor will sell at 1:45 p.m. This is a complete dispersal. Tools and small outside items will start this sale. Good food all day.

TERMS: Cash.

CLARENCE W. HUNSBERGER ESTATE

AUCTIONEER:
J. Robert Meyers, AU-000-601-L
Clerks: Smith & Alleman

Henry Hunsberger, Executor
Steiger and Steiger, Attorneys
56 South Main Street
Mercersburg, Pa. 17236

Bale thrower for Model 12 MF baler. Riverhead, NY. Call collect eves., 516-722-4660.

Garden tractor, 10 HP or larger. Must be good cond.; also glass sliding patio type door. Chester Co. 215-255-4630.

Herd of approx. 50 beef cows bred for spring, before first of year. Balto. Co., MD. Clay Peterson 301-329-6288.

Vac Case for parts; manifold for CE Case; road gear for F-30 JD-H for parts; rims for A-AC. 717-369-2216.

Full time engine mechanic, experience helpful. Will train right person. Beiler Engine Service, RD 1, New Providence, PA 17560.

$5 reward for info. leading to purchase of male border collie puppy. Gideon Renno, R2, Box 309, Mifflintown, PA 17059.

Alum. brake, 8' preferred; also steering assembly for 460 Int. utility. Box 82, Palmyra, 17078 or 717-533-3144 after 6 PM.

Nose part for standard water bowls, new or used. Also 10' of 6" vacuum hose. 717-653-4470. Lancaster Co.

Grill for JD B; also, 5.50.15 wheel. E. Roy Wenger, 8298 Rowe Run Rd., Chambersburg, Pa. 17201.

48" manure fork for JD 75 loader. Chester, NJ. 201-879-7231 after 6 p.m.

Cab for 4000 Ford tractor. Must be reasonably priced. 301-334-9205

Toy farm tractors and implements. Also pedal tractors and old Schwinn bicycles or Whizzer motor bikes. Lanc. Co. 717-354-9127

1960-61 Fords; 1958-60 Lincolns; 1958 Packard-Studebaker T Bird Convertable; Any old cars-trucks in barns. 215-374-9203

Old motorcycles: 1900-1950, any condition. Box 222, Matamoras, Pa. 18336. 201-948-4565

Business opportunity sharing nutritional products, biodegradable cleaners and personal care products. Small investment. Car available. Lanc. Co. 717-768-3072

PTO Shaft for D4. Lanc. Co. 215-445-4516 Ask for Willis., evenings 215-445-5252

To board a horse. Responsible care. Lanc. Co. 717-354-9131 Call 7-9 p.m.

Blacksmith anvil, must be in good condition. Andrew Stauffer, R.D.2, Box 757-A, Ephrata, Pa. 17522. Lanc. Co.

Rough cut oak planks, need 400 sq. ft. 717-626-7854. Box 21, Lititz, Pa. 17543.

Old car or truck that has been in shed or barn. Get cash for it now. 215-374-9203

PTO off of JD 440, 435, 430 or 420. Alvin Brubaker, Rt. 1, Denver, Pa. 17517. Lanc. Co. 215-445-4420

Front end weight, single tool bar w/legs for AC G. Carroll Co. 301-848-1322 evenings.

Corn head 2RW for Gehl CB600. Berks Co. 215-683-3094

NH bale thrower, no. 51. Salem Co., NJ. 609-358-3657

Canadian Geese, pair. Schneider, Rt. 10, Box 405, Fredericksburg, VA. 22401. 703-786-2736 after 5 p.m.

Culvert pipe, 18"-24" dia., 16-20' long. Ben B. King, R.D.2, Narvon, Pa. 17555.

Road grader, prefer Cat. #12 or #212, any condition considered. 301-287-5277

MAILBOX MARKET NOTICE

Would like to board some heifers in my barn. Have hay and grain, $1.25/day. Can haul them. Cumberland Co. 717-486-4444.

FREE: Tile Silo, you take down, size 14x40. 201-859-2616

For Rent: 80 acre farm in Clark Co., Wisconsin, Curtiss area. Aaron Nolt, R.D.3, New Holland, Pa. 17557. 717-354-6727

FREE: To good home, female German Shepherd Dog, 1 yr. old, good watch dog. Lanc. Co. 717-665-3150

Sale Reports

A 2 Day Public Sale of real estate and antiques was held December 20 and 21, on a cold and blustery day, for the estate of Ralph Carll, 281 E. Main Street, Leola, Lanc. Co., Pa.

The 2 acre property consisted of a 2½ story brick dwelling, frame barn and a chickenhouse. It was sold for $125,100 to Martin H. Weaver of Blue Ball.

Other items sold were: china closet w/drawer & mirror $550, bureau w/mirror $300, jelly cupboard $525, dresser $270, 2 chests of drawers $190 & $160, German Bible $160, 1910 Calendar plate $195, Lone Star quilt $810, other quilts $425, $400 & $285, corner cupboard $450, claw foot table $460, Allis Chalmers C tractor $720, Case #75 spreader #380, wooden wind wheel $520, and Winchester double barrel gun $310.

Auctioneers were Robert E. and Jeffrey R. Martin and Frank L. Steller.

XXX

A Public Auction of commercial real estate was held December 21 by Paul H. Kurtz, Inc., along Route 23, east of New Holland, Lanc. Co., Pa.

The 1.25 acre tract included a 60'x120' brick and stucco building and it was sold for $167,500 to Paul Z. Martin of Blue Ball.

The auctioneers were Randal Kline, Lloyd Kreider and Roy Good, Jr.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JANUARY

WED. JAN. 1 - 1:30PM Farm Toy Consignment Auction, old and new. Located Paradise, PA, at the firehall. Robert E. & Jeffrey R. Martin, Aucts. 717-768-3554 or 768-8714.

WED. JAN. 1 - Farm Eq. & Tools. Located RD1, New Holland, PA. E. of Hinkletown off of 322. David L. & Enda Z. Weiler, Owners. Paul E. Martin & John D. Stauffer, Aucts.

WED. JAN. 1 - 10AM 5 Acres Real Estate & Arcade Eq., Hshld, Truck, Toy Trains. Located Along Rt. 322, Hinkletown (Approx. 3 mis. E. of Ephrata) Earl Twp., Lanc. Co., PA. Eshelman's Service Center. Terms By: Horace S. & Mildred B. Eshelman. T. Glenn & Timothy G. Horst, Aucts.

WED. JAN. 1 - 9AM Large Antiques & Collectables Sale. Farmersville Auction in Farmersville, 3 mis. E. of Brownstown, Lanc. Co., PA.

WED. JAN. 1 - 9AM Tractors & Eq. From I-81 S. of Martinsburg, WV, take Exit 5 (Inwood), Rt. 51 E. approx. 3½ mis. to Shutt's Cash Grocery (formerly Haines') turn right, .2 of mi. to sale. Edgar A. Bohrer, Sale Mgr.

WED. JAN. 1 - 9AM Antiques, Dudley Watch, Fine Glassware, Furniture, Copper, Brass, Iron & Tin Items. Location: Johnson's Auction, 17 New Haven St., Mt. Joy, PA. H. Edward Johnson, Auct.

THURS. JAN. 2 - 11AM Special Herd Dispersal of 50 Head at Lancaster, PA, location. Mel Kolb, Inc.

FRI. JAN. 3 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

FRI. JAN. 3 - 12:30PM 100 Head. Located Mel Manasse Farm on Rt. 79, 4 mis. S. of Whitney Point. Use Exit #8 off I-81. Jim Adriance & Mel Manasse, Aucts.

FRI. & SAT. JAN. 3 & 4 - 6PM & 9AM Respectively. Hshld., Tin Toys, Antiques, Glass & Furniture. At the Guernsey Sales Pavalion, Jct. of Rt. 896 & Rt. 30 East. Russell D. Shope, Owner. Steve & Steve Jr. Petersheim.

SAT. JAN. 4 - 9AM Real Estate, Antiques, Hshld., Auto, Animal Heads. Located: Strinestown, PA, Between York & Harrisburg, PA, E. of Exit 12, ¼ mi. Mrs. Grace Wertz. Blaine N. Rentzel, Auct.

SAT. JAN. 4 - 10AM Sechrist Sales Eq. Dispersal of Trucks, Tractor, Farming Implements. Located approx. 5 mis. S. of Stewartstown, York Co., PA, near New Park. Robert L. Sechrist, Owner. Sechrist Sales Co. Livestock Auction.

SAT. DEC. 28 & SAT. JAN. 4 - 9AM Ea. Day. The Former George & Thomas German Garage & Machine Shop. 25 mis. N. of Allentown off Rt. 309, between Andreas & Bowmanstown, along Rt. 895, Carbon Co., PA. Sale by: Thomas W. German. Curt, Doug, Tim Houser, Aucts.

FRI. JAN. 10 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

FRI. JAN. 10 - 10AM Farm Mach. & Dairy Eq. From Blue Ball take Rt. 23 E. to Rt. 625, turn left onto Rt. 625, go approx. 1½ mis. to farm on left, East Earl Twp., Lanc. Co., PA. Terms by: Mervin & Anna Mae Martin. Roy Good, Jr., Randall V. Kline & Lloyd Kreider, Aucts.

SAT. JAN. 11 - 9:30AM Farm Mach. Located Henry Zdancewicz, Wood-z-Lane Farm, Rt. 537, Freehold, NJ. Directions: Rt. 537 (Farm in back of Coast Line Eq.) W. of Freehold Area Hospital. Norman Parker, Sale Mgr. Lee Parker, Auct.

DECEMBER

TUES. DEC. 31 - 7:30PM Holiday Sale. Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auct.

TUES. DEC. 31 - 11AM Mr. & Mrs. Wm. H. Wallace Farm Mach. Auction. Located on County Rt. 36, approx. 2 mis. SW of Atlanta. Owned by: Jim Wallace. Pirrung Auctioneers, Inc.

TUES. DEC. 31 - 10AM Farm Eq. Annual Harper Implement Co., Inc., Swayzee, IN, 12 mis. to Marion, 16 mis. to Kokomo. Located 2 blocks S. of traffic light and then 2 blocks W. of State Rd. 13 in Sawyzee, IN. Schrader Real Estate & Auction Co.

PUBLIC SALE

Household Goods, Tin Toys, Antiques, Glass & Furniture, App. 30 Crocks, Cabinets, Bldg. Material

FRIDAY, JAN. 3, 1986

At 6:00 P.M.

SATURDAY, JAN. 4, 1986

At 9:00 A.M.

At the Guernsey Sales Pavilion at Jct. of Rt. 896 and Rt. 30 East.

Cherry sectioned table with matching chairs; 3 piece oak bedroom suite with marble top dresser; 3 piece dinette suite solid wood with unusual carvings; 6 bureaus oak etc.; 5 brass hanging chandeliers; 6 extension tables; brass bed; 2 piece hand carved monk set; oak china closet; spool cradle; 1 complete kitchen cabinets; child's roll top desk and chair; 2 living room suites; 5 double beds; box spring & mattresses; 2 old sewing machines; 1 hand operated Wertheim 2 frankfort; small kichen range; butter churn; 2 copper wash boilers; butter mold with brass hooks unusual; odd and end wooden cabinets; old rockers; cherry fire side chair with lion heads; old blanket chest; wooden ice box; marble top stand; 2 corner cupboards; unusual fine wood cabinet with top; old glass assorted dishes; 4 wicker flower stands; wicker baby stroller; wicker baby coach; wicker lounge; 75 player; piano rolls; cigar molds; 10 sets of plank bottom chairs, 2-4-6 matching sets; ladder and slat back; 30 odd plank bottom chairs all kinds; app. 30 crocks all sizes, some with lids; app. 100 picture frames all sizes and shapes, app. 100 old bottles, all sizes, some dated; app. 35 old tin toys, cars, trucks, wishing well, etc.; old hub caps; old Christmas decorations, figures, etc.; 2 rolls carpet; sheets of peg board; doors; windows; storm windows; ceramic kiln; 5-5 gal. buckets of ceramics; old wooden Christmas tree stand; many, many items not mentioned.

Truck load of candy.

Owner
RUSSELL D. SHOPE

AUCTIONEER:
Steve & Steve Jr. Petersheim
AU-001349-L
786-4624

Plenty Homemade Food

AUCTIONEER'S NOTE: Collectors, dealers, home owners--you will like this one.

PUBLIC AUCTION

SATURDAY, JANUARY 4, 1986

Rain/Snow Date 1-11-85
At 10:00 A.M.
176 Old Mill Lane
Conowingo, Md. 21918

WELDER - FURNITURE - AIR COMPRESSOR MECHANICS TOOLS FARM EQUIP.

Lincoln Gas Powered Welder 200 amp 4 cyl. on Road Wheels, Oxy-Acetylene Welder, Snap-On Tool Boxes, Full Ass't. Mechanics tools, Full line of Air Tools, Drill Press, Curtis 2 stage Air Compressor, 1 ton overhead Electric Winch & Trolley, Bench Vices, 5 ton Floor Jack, Manual and Air Powered Grease Guns, Disc Grinders, Hyd. Bumper Jack, 20 ton Porta Power, Tow Chains, 60 Gallon Fuel Tank and Pump, Many other items, too numerous to mention.

Equipment - IH Hay crimper, NH Hay Baler, McCormick Hay Rake, Toro Garden Tiller, Gas Powered Hyd. Wood Splitter, Hay Wagon, Wagon running Gear, IH CUB CADET Tractor - 10 hp, 4 foot deck, 500 gal. underground tank, Grain Wagon Bed, much more.

Several Bedroom Suites, Walnut dining room suite, Full Size Brass Bed.

TERMS - Cash or personal Check with proper ID. No out of state checks. All Sales AS-IS. Not responsible for accidents.

Directions - Take US Rt. 222 north to Rock Springs Store, turn left on Old Mill Lane, follow to sale.

Owner
OTTO MOORE

UNITED AUCTIONS
W.D. Farmer-Auctioneer
Conowingo, Md.
301-658-2828

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. JAN. 11 - 8:30AM Real Estate & Personal Property of Clarence W. Hunsberger Estate. At The Lemasters Community Center, Lemasters, Franklin Co., PA, 13 mis. SW of Chambersburg, PA. J. Robert Meyers, Auct.

TUES. JAN. 14 - 4PM Farmersville Auction in Farmersville, 3 mis. E. of Brownstown, Lanc. Co., PA.

THURS. JAN. 16 - 11AM 150 Head at Mel Kolb, Inc., Woodsboro, MD, location.

SAT. JAN. 18 - 9:30AM I C.E. Hammer, Hyd. Cranes, Const. & Line Eq , & Vehicles. For: Florida Power & Light Co., Riviera Beach, FL. Vilsmeier Auction Co., Inc.

SAT. JAN. 18 - 9AM Work, Driving & Riding Horses, Tack, Hay & Straw at Jersey Shore Livestock Market Harold Fraley, Auct.

MON. JAN 20 - 11AM Robert & Joanne Gruber- Real Estate 48 Acre Farm & Modern Farm Eq. Along Pecks Rd. off Rt. 441 E. of Middletown, Londenberry Twp., Dauphin Co., PA. C.H. Wolgemuth Auction Service.

TUES. JAN. 21 - 11AM Farm Mach., 65 Holstein Dairy Cattle. 3 mis. S. of Catawissa, PA. Columbia Co. Terms by: Jr. & Mrs. Paul Mack. Fraley Auction Co.

WED. JAN. 22 - 11AM 21 Acres in Goochland Co. (Rock Castle Area). William L. & Sandra Hicks, Owner. Ownby Auction Service.

THURS. JAN. 23 - 9:30AM Hshld., Antiques, Dishes, Tools. Located Lanc. Co., PA, 3 mis. E. of White Horse on Buena Vista Rd. From Rt. 340 go S. at Cains. Lizzie L. & Rebecca S. Allgyer, Owners. Steve & Steve Jr. Petersheim, Aucts.

FRI. JAN. 24 - 10AM Horse Sale New Holland Sales Stables, Inc., New Holland, PA.

SAT. JAN. 25 - 9:30AM Line Eq., Trucks, Vehicles. For: PA Power & Light Co., Allentown, PA. Vilsmeier Auctin Co., Inc.

SAT. JAN. 25 - 12 Noon 45 Holstein Dairy Cattle, Dairy Eq. 15 mis. N. of Williamsport, PA, at Calbert, Lycoming Co. Mr. & Mrs. Elwood Loudenslager. Fraley Auction Co.

WED. JAN. 29 - 9:30AM Lg. Quantity Scaffolding, & Mechanical, Elec. & Contractors Tools. For: Public Service Elec. & Gas Co., Salem, NJ. Vilsmeier Auction Co., Inc.

FRI. JAN. 31 - 122 Fresh & Close Springing Holstein Heifers. At "The Udder Place", Redfield Farm, Inc., Amelia, VA. Ownby Auction Service.

FEBRUARY

SAT. FEB. 1 - 10AM 83 Acre Farm & Equipment. Location: Cumberland Co., 10 mis. E. of Shippensburg, PA. 2 mis. S. of Centerville on Pine Rd. From I-81 Newville Exit 11, take Rt. 233 S. to second crossroads, turn right to second farm on left at Beetam Rd.

FRI. FEB. 7 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

SAT. FEB. 8 - Farm Eq. & Tools. Located along Rt. 897 between Kleinfeltersville & Schaefferstown, PA. Aaron H / Stella B. Martin. Paul E. Martin & John D. Stauffer, Aucts.

TUES. FEB. 11 - 9:30AM Farm Mach., Mules, Hay & Straw, Hshld. Strasburg, RD1. Sale by Ruth Z. & Aaron S. Fisher, Jr. Alvin Miller & Elvin Siegrist, Aucts.

THURS. FEB. 13 - 10AM Farm Mach., Mules & Horses. 1 mi. S. of Ronks. Johnothan F. & Katie King. Steve & Steve, Jr. Petersheim, Aucts.

THURS. FEB. 13 - Full Line of Farm Mach. Carlisle, PA Glenn Raudabaugh, Owner. Kling's Auction Service.

DISPERSAL

AUCTION

SECHRIST SALES EQUIPMENT DISPERSAL

Trucks, Tractors, Farming Implements, Tools

SATURDAY, JANUARY 4, 1986

At 10 A.M.

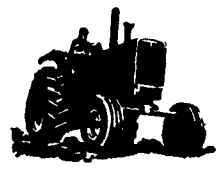
Having sold my livestock auction business and having no further use of the following equipment I will offer at public sale on the premises located approx. 5 miles south of Stewartstown, York Co., Pa. near New Park.

1974 Chevy C-65 w/5 sp. 2 sp. rear, 10:00x20 tires, 22 flt. Eby aluminum cattle body w/double deck, 2 roll-up doors, 1 owner, 85,000 miles in ex. condition; 1984 Ford F-350 4 sp. 7:50x16 tires, 12 ft. Eby aluminum body w/2 roll-up doors, 1 owner 15,000 miles, like new; 1976 Int. #574 diesel tracstor w/16.9x28 tires, double wheel wts. fully hyd. equipped, 1 owner 1300 hrs. w/2050 Series A loader w/manure fork, 60" material bucket & crane; 7 ft. heavy duty rear scraper blade; Woods C-80 rotary pull type mower; Myers 8 ft. snow plow w/mountings for Int. manure loader; David Bradley 14 ft. flat bed wagon w/hoist; 7 Palco metal gates 8', 10', 14' & 16'; 2 Smidley hog feeders; 2 ton chain hoist; tractor & truck chains; log chains; load binders; com-a-longs; 36" Rigid pipe wrench; power saw; drills; ext. cords; wrenches; hand tools; wheelbarrows; portable air compressor; electronic bug lite; gas space heater; lot of misc. hand tools & hardware too numerous to mention.

Please note: The Livestock auction is not closing. The new owner will continue the Hatfield Hog Buying Station and Livestock Market every Monday evening as usual.

I personally would like to take this opportunity to offer my sincere thanks and deepest gratitude to the many loyal & faithful customers, farmers, buyers & truckers who have supported this auction over the past 21 years. Best wishes to you all for a Blessed & Joyous Holiday Season.

ROBERT L. SECHRIST,
Owner
Sechrist Sales Co.
Livestock Auction
Not responsible for accidents



PUBLIC AUCTION

FARM MACHINERY
HAY, SILAGE
1976 FORD PICKUP

FRIDAY, JAN. 10, 1986

Auction At 10:00 A.M.

LOCATION: From Blue Ball take Rt. 23 East to Rt. 625. Turn left onto Rt. 625, go approx. 1½ miles to farm on left. East Earl Township, Lancaster County.

FARM MACHINERY

J.D. 4020 D. (W) Excellent Rubber, Wts, Nice Shape; J.D. 2120 D (W) No. 146 Loader; Oliver 4 B. Hyd Rest Plow (W) Extra 5th Bottom; IH No 45 12" Transport Field Cult. (W) Wings 18' Total Width; Brillion 12' Transport Cultimulcher; J.D. 11' RW Disc. Transport; J.D. No. 1240 Corn Planter (W) Monitor & Double Disc Openers; J.D. 1240 Planter For Parts; Pittsburgh 4 R. Cultivator; IH No. 56 Blower; NH No. 479 Haybine; J.D. 640 Hay Rake; Vicon 5 Wheel Rake; NH 273 Baler, (W) Thrower; Little Giant Elevator 32'; (2) 16' Hay Wagons (W) Racks; Stauffer Forage Wagons; 200 Gal. Pull Type Field Sprayer; MF 7' Dyno Balance Sickle Bar Mower; NHS 676 Tandem Axle Manure Spreader; JD 790 Flail Spreader Right Side Unload; 3 Pt. Bale Mover; Pair Of 18.4x34 Duals Fits On 4020; SURGE 25 KW GENERATOR.

1976 FORD PICKUP TRUCK ¾ TON

8' Bed, 8 Cyl., Auto. Nice Cond' 8' Pickup Racks; 8' Alum. Topper; 60' Silo Pipe 9" W Goose Neck; 10 Pipe Gates All Sizes; 4 Circulating Fans; 24" Exhaust Fan; (2) Surge Bug Killers; 2 Round Hay Rakes; 2 Sq. Hay Rake; (2) 275 Gal. Fuel Tanks With Pumps; 1 Fiber Glass & 1 Steel Mineral Lick Wheel Feeders; 2 Outside Mineral Feeders; 2 Silage Carts; Ap. 20 Tons Second Cutting Alf. HAY; Approx. 35 Tons SILAGE; (4) Deleval 55 Lb. Milkers (W) Sterling Pulsators; Extra 40 Lb. Pail; Milk Dumping Station; Sunset Tank Washer; 75 T Surge Alamo Milker Pump; Twin Stainless Steel Tubs.

NOTE: DON'T MISS THIS AUCTION! A REAL OPPORTUNITY TO PURCHASE FARM MACHINERY IN NICE COND.

FOOD STAND

Terms By:
MERVIN & ANNA MAE MARTIN
AUCTON CONDUCTED BY
Randal V. Kline, Lloyd Kreider
Roy Good Jr., Auctioneers
AU-0002116-L

KLINE & KREIDER AUCTIONEERS

R.D.1, Denver, Pa. 17517

H & H Auction

Every Thursday Night, 6:00 P.M.

Located on Strasburg Rd., Coatesville, ½ mi. East of Stottsville Hotel and 1 mile West of Rt. 82.

Household Goods & Appliances sold at every auction.

Consignments accepted.
Call 215-384-7647

Visit our used furniture and appliance store, 50 pieces of appliances at all times.

Auctioneer:
Richard Dunlap AU001605L

PUBLIC AUCTION

NEW YEARS DAY
WED., JANUARY 1, 1986
9 A.M.

ANTIQUES, DUDLEY WATCH
FINE GLASSWARE, FURNITURE
COPPER, BRASS, IRON & TIN ITEMS
AND COLLECTIBLES

Location: Johnson's Auction, 17 New Haven St., Mt. Joy, PA.

2 lg. Copper Kettles; 1 signed J F. Shaum, 2 copper wash boilers C. Dudley watch, R.R lanterns & others. Crocks, Tiffany shade, flat iron & banks, toy guns, coffee grinder, wooden rakes & forks, baskets, lance jars & others Glassware: including Heisey, Ruby, Carnival, Colbalt Blue candle holders, H Leh & set of Dragon Dishes, 3 mantle clocks, 410 shot guns, dolls, beer items, flatware, bicycles and lots of merchandise not mentioned

NOTE: Come & join us for our 3rd annual new years day antique sale.

Auctioneer: H. Edward Johnson
AU-001842-L
Mt. Joy, PA.
Ph#653-9290

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, JANUARY 3, 1986

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**

Case 380 Diesel Tractor, JD 1530 Diesel Tractor, JD 2020 Tractor, JD B Tractor, new rubber, 2 way plow, elevator, flail chopper, Ideal 16A, IH flail chopper, JD 4B plow, Brillion 12' and 14" Packers, Giant Salamander propane space heater, 1,000,000 BTUs, NH 66 baler, parts for 66 baler, 20' Zook manure elevator on wheels, 8' 3 pt stone rake, open Amish buggy, (2) 20' Cincinnati floor drill presses

The following Items will be sold for Daniel S Brubaker, Denver, Pa Flat Wagon, JD 400 grinder-mixer, Oliver 16" 3B plow, Oliver 10' transport disc harrow, JD 494A corn planter, JD FB-B Grain Drill, PTO corn sheller, One horse sleigh, 4506 Deutz Diesel Tractor

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

NEXT FARM EQUIPMENT SALE FRI , FEB 14

PUBLIC SALE

48 ACRE FARM and FARM EQUIPMENT

MONDAY, JAN. 20, 1986

11:00 A.M.
Farm At 1:00 P.M.

Located along Pecks Road, just off Rt. 441 East of Middletown. Turn onto Pecks Road at the Observation Tower. Second farm on left. Londenderry Twp., Dauphin Co. Pa.

48 ACRES Excellent Productive Soil. Large Bank Barn, Tobacco Shed, Silo, 4-Car Garage. Along Macadam Road.

2½ STORY Frame Dwelling. Bath, Electric Heat, Mature Shade. Plus a whole lot more.

Open for inspection-Sat. Jan. 11– 12 p.m. to 4 p.m. Other times by appointment. Call 717-944-4580 or 717-665-5664.

4 TRACTORS & MODERN FARM EQUIPMENT

7020 ALLIS CHALMERS TRACTOR w/Cab, Air, Stereo; A.C. 185 Diesel, recently overhauled w/turbo; A.C. D17 Tractor; A.C. D15; J.D. 7000 Corn Planter; 1580 Krause 18' Wing disc; 21' Brillion Wing Packer; Brillion Transport Harrow, 310 N.H. Baler w/thrower, (floatation tires); Glenco 7-Tooth Chisel; N.H. 244 Spreader; N.H. 365 Tank Spreader; Liquid Manure Tank mounted on Chevy Truck; 3 N.H. Hay Wagons w/Racks, N.H. 56 Hay Rake; N.H. 28 Whirl-a-Feed Blower; Ideal Straw Chopper; 7' Bush-Hog Mower, Walsh Field Sprayer, A.C. 7' Grass Mower, Brillion Cultimulcher 14', NI 225 2 row narrow picker, etc.

No Out of State Checks Unless Known by Owner or Aucts.

Not Many Small Items. Please be prompt. Sale to begin at 11 A.M. Property offered at 1:00 p.m. Lunch Available.

To Inspect Property call 717-944-4580 or 717-665-5664. Open Sat. Jan 11, 12 p.m. to 4 p.m.

SALE BY:
ROBERT & JOANNE GRUBER
Mel Hess, Atty.
C.H. WOLGEMUTH AUCTION SERVICE
R.D. #2, Manheim, Pa.
Ph. 717-665-5664
AU-1036

PUBLIC SALE

MONDAY, DEC. 30, 1985
9:30 a.m.

LANCASTER CENTRAL FARMERS MARKET

The City of Lancaster will sell 12 stands at Central Market by public auction. Bidding will start at Annual Rent cost of $60.00 per stand foot per year. For additional information call 717-291-4740 or 717-291-4739.

"COMMERCIAL PROPERTY"
(ESHELMAN'S SERVICE CENTER)

PUBLIC SALE

OF 5 ACRES REAL ESTATE & ARCADE EQUIPMENT, HOUSEHOLD GOODS, TRUCK, TOY TRAINS
HINKLETOWN, PA
NEW YEAR'S DAY
WEDNESDAY, JAN. 1, 1986
Auction 10 A.M.—Trains At 12 Noon
Real Estate At 2 P.M.
Located along Rt. 322, Hinkletown (Approx. 3 miles east of Ephrata), Earl Township, Lancaster Co., Pa.

5 ACRE COMMERCIAL PROPERTY

Lots Road Frontage—At Well Traveled Intersection.

2½ Story Sandstone Dwelling (Ci-1750)

Story Sandstone-Store Building

30'x 50'—Rest Rooms, Lots Of Space, 40'x 70' PAVILION.

This Commercial Property Is Located At Busy Intersection. Property Has Many Possibilities. Ideal Business Location. Be Sure To Inspect!

OPEN HOUSE REAL ESTATE ONLY SAT., DEC. 21 & SAT., DEC. 28 FROM 12 NOON TO 3 P.M. OR FOR INFORMATION OR INSPECTING CALL 733-8422.

ARCADE & SHORT ORDER FOOD EQUIPMENT; 3 POOL TABLES, SLATE TOPS, COIN OPERATED; 4-PIN BALL MACHINES, 5 VIDEO GAMES; SEABURG STEREO JUKE BOX, Including 80 Records; Steel Shelving; Display Racks; Antique Coal & Wood Parlor Stove; 8' Freezer Chest; Electric Meat Slicer; Scales; Electronic Bug Killers; Sanyo Computerized Cash Register, (Like New); Picnic Tables & Benches; Oak Desk.

Household Goods

2—30,000 BTU Window Air Conditioners; 2—8,000 BTU Window Air Conditioners; Antique Signs; 18 CU. FT. WESTINGHOUSE REFRIGERATOR - FREEZER; G.E. AUTOMATIC WASHER; G.E. AUTOMATIC DRYER; 3 Oak Ice Boxes (Made Into Chest Of Drawers).

Trains

LIONEL TRAIN DISPLAY; LIONEL BURLINGTON Electric Locomotive; LIONEL SANTA FE Electric Locomotive; Lionel Freight & Passenger Cars; Lionel Switcher Engines; Trolley Car; Switches; Transformers; Building & Tracks; Water Tower; Tunnels; Stations.

Tools

Mighty Mack Shreader, PTO; 2 Emery Wheels & Motors; Gas Chain Saw (Homelite); 20" Gas Chain Saw; 1 H.P. Air Compressor; Auto Light Bulbs; Jumper Cables; Portable Pumps; (55) Gal. Drums; Flourescent Lantern; 2 Antique Ice Chests; Tarps; 125 Gal. Kero Tank (Pump); Bolts; Hand & Power Tools; Bag Wagons; Aluminum Extension Ladder; 1'x 1'x 9' Dip Tank.

Lumber

85—6x8-8 Landscaping Timbers (Some Treated); 40—2x6-20 — 20—2x4-10; Assorted Lot 2x4—2x6 & 1" Boards; 250' Black Walnut Boards; Assorted Black Walnut & Cherry Boards; Cedar Boards.

Cars & Trucks

1951 STUDEBAKER, 4 Door, Sedan, Auto, 8 Cylinder; 1979 CHEV. PICK-UP TRUCK, 4 Wheel Drive; Automatic Shift; 1976 Flat, 4 Door, Sedan (35 Miles To Gallon); Zazou Riding Tractor, 48" Mower Deck.

Terms By:
HORACE S. ESHELMAN
MILDRED B. ESHELMAN

T. GLENN HORST, Auct.
859-1331—AU-000438-L
TIMOTHY G. HORST, Auct.
738-1245—AU-001767-L
EABY & EABY, Atty.

Public Auction Register

PUBLIC SALE

From Interstate 81 South of Martinsburg, W. Va., Take Exit #5 (Inwood) W. Va., Route 51 East approximately 3½ miles to Shutt's Cash Grocery (formerly Haines') Turn right-.2 of a mile to sale—OR—From Charles Town, W. Va. Take Route 51 West, Go approximately 8½ miles to Shutt's Cash Grocery - Turn left-.2 of a mile to sale.

WEDNESDAY, JAN. 1, 1986
AT 9:00 A.M.

TRACTORS AND EQUIPMENT: Approximately 20-25 tractors including Cubs, Fords, John Deere, Internationals, Fergusens, and other tractors. We will also be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 foot blades, post hole diggers, discs, wood saws, rakes, balers, round balers, grain elevators, corn pickers, 2 and 3 axle trailers, and other farm related articles.

We will also be offering a good selection of NEW AND USED TOOLS – Canned goods, hams and other food items – Some household articles - Cuz of Pennsylvania will be here with watches, tapestries, and sewing material.

We will be selling some new and used tools and other articles which belonged to the late Charles Sims.

TERMS: CASH OR GOOD CHECK. NOTHING TO BE REMOVED UNTIL SETTLED FOR. ID required to acquire bidding number.

SALE MGR.,
EDGAR A. BOHRER
W. Va. Lic. #18-86
304-229-8354

NOTE: THIS IS A CONSIGNMENT SALE. Let us turn your unused farm articles, household articles, and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

ORDER OF SALE: SMALL ITEMS–Tools, household articles, food, etc. will be offered promptly at 9 a.m., Tractors and equipment will be offered promptly at 12 Noon.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

FARMERSVILLE AUCTION

WEDNESDAY, JANUARY 1
9:00 A.M.
New Year's Day
In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Antique & Collectibles Sale

2 oak bedroom suites; 2 square oak ext. tables w/boards; oak Marsh kitchen cabinet complete w/spice jars; oak press back high chairs (1 converts to stroller); 2 nice high oak sideboards; Victorian sofa; round oak pedestal table w/claw feet; mah. game table; pie safe w/top drawer; S roll top oak students desk; small oak ice box w/lift top; nice walnut china closet; grained blanket chest w/bottom drawer; oak pottie chair; Victrolia childs roll top desk; 4 large wooden wheels w/large hubs; flour chest; wheelbarrow; pr. Victorian chairs; quilt frame; dovetailed blanket chest; dovetailed wood box; childs kitchen cabinet; Peppy hobby horse; mah. drop leaf table w/needlepoint chairs; oak chifferobe; marble top dresser; East Lake side chair; picture frames; spindle cradle; pr. childs chairs; cast iron bull dog; set of 5 oak claw foot chairs; shelf clocks; rag carpet; new and old quilts (some as is); old clothing; Mickey Mouse throw rugs; sample ice box; tin advertising boxes, brass candle holders; Fiesta dishes; **Dolls: Bisque: 20" A.M. 370; 12" A.M. 390; 12" German R7/0 A; 7" occupied Japan; 6" K star R in groom outfit;** 5" story book; etc. Composition: 7" Alexander baby; 25" cloth body toddler; 30" Effanbee cloth baby toddler; Celluloid; 18" Fashion doll; 10" sleep eye baby; etc. Misc. 10" Mickey Mouse (signed Walt Disney); 2 soap babies; bed doll; etc.

This is a very brief list!

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Auctioneer: Lester Weaver
AU-982-L

No out of state checks! 2 auctioneers will start selling at 9:00 A.M. Furniture at 10:00. Dolls & quilts at 12:00.

Dairy and Livestock Sales

GOOD'S AUCTION

111 N. Maple Ave. Leola, Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon
Business Hours: 7:30 to 5:30,
Closed Sat. & Sun.

PUBLIC AUCTION

FARM EQUIPMENT
TOOLS - HOUSEHOLD GOODS
WEDNESDAY, JANUARY 1, 1986
Auction Time: 9:00 A.M.

Directions: From Ephrata take Route 322 East through Hinkletown. Approx. 2 miles beyond Hinkletown turn left on Martin Drive ½ mile to farm on left. Lancaster County, PA

1979 MASSEY FERGUSON 760
Hydro Diesel Combine with Monitor, Gray Cab; M.F. 1163 Six Row Corn Head; M.F. 15' Automatic Floating Cutter Bar and Transport Wagon.

JOHN DEERE 5020 DIESEL with 18.4x38 Duals; J.D. 3020 DIESEL Power Shift, Side Console; 3 J.D. B TRACTORS with Cultivators, one on steel; FIAT ALLIS INDUSTRIAL PAYLOADER Model T-L10; 2 Single Man Tobacco Hoers with engines; J.D. Heavy Duty Quick Coupler; J.D. Front End Weights & Cylinders.

McKee #920 Nine Ft. Double Auger Snowblower

M.F. 880 6x16 Automatic Reset Plow

on Land Hitch, like new; Oliver 252 18' Wing Disc; J.D. F10 Three Bottom, 3 Point Plow; J.D. 2x14 Trailer Plow; J.D. 12' Cultimulcher; J.D. 10' Cultipacker; 18' Wing Rotary Hoe; J.D. 1250 6 Row & 1240 4 Row PLATELESS CORN PLANTERS; N.H. SUPER 676 TANDEM AXLE SPREADER, good condition; Farm Hand Tandem Spreader; 2 Zimmerman Spreaders; N.H. 489 HAYBINE; N.H. 250 HAY RAKE; KUHN TEDDER; Farm Hand Wheel Rake; N.H. 280 Hay Baler; King Wise 34' Elevator with motor; Skeleton Elevator; NEW IDEA & DION Forage Wagons; MASSEY FERGUSON 260 HARVESTER with 3 Row CORN HEAD, Hay Pickup Head & Electric Controls; Fox Hopper Blower; J.D. #65 Hopper Blower; 4 Flat Bed Wagons; Trailer; Grain Wagon with Auger;

Large P.T.O. Grain Crimper on Transport; J.D. #43 Corn Sheller; J.D. 3 Pt. Blade; N.I. Loader for John Deere; J.D. 16-A Chopper; Double Tob. Ladders; Water Tank; Fuel Tank; HERSHEY Tobacco Planter; P.T.O. Propeller; 6"x16' Transport Auger; 4 Bale Boxes; Platform Scales; 18.4x38 TRACTOR CHAINS; Air Compressor; Silo Pipe; Electric Drill Press; many Tools; Lumber; many Misc. Parts, including J.D. B, M.H. 44, etc.

Majestic Coal Range

Chest Freezer; New Home Sewing Machine; Dishwasher; Refrigerator; Stove; Coin Operated Washer & Dryer; Bureaus; Chests of Drawers; Bed; Wardrobe; Rocker & Chair; Sofa; plus Misc. Housewares.

TERMS: All out-of-state buyers paying by check must have a Bank Letter of Credit addressed to this specific auction.

Order of Auction: Farm Tools & Supplies; H.H. Goods; Large Farm Equipment at approx. 1:00 P.M.

Terms by
DAVID L. & EDNA Z. WEILER
717-354-7063

Auction Conducted By
J & P Auctions
Paul E. Martin, Auct.
AU-001601-L
Ephrata, PA
717-733-3511
John D. Stauffer, Auct.
AU-001509-L
Lititz, PA 717-665-5099
Food At Auction

FRI. FEB. 14 - Complete Dispersal of Mostly JD Farm Mach. Located 4 mis. W. of Wakefield, Drumore, Twp. Robert McCauley, Owner. J. Everette Kreider, Auct.

FRI. FEB. 14 - 10AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

FRI. FEB. 14 - Trucks, Farm Mach. & Feeder Cattle. Newville, PA. Mrs. Norman Reinford, Jr., & Ronald Reinford, Owners. Art Kling, Auct.

SAT. FEB. 15 - 9:30AM Special Horse Sale. Belleville Livestock Mkt., Inc., Belleville, PA.

TUES. FEB. 18 - 9AM Farm Mach., Five Work Horses, Feed, & Milk Eq. 1 mi. N. of Intercourse, PA, along Rt. 772. Jacob G. Esch, Owner. Steve & Steve, Jr., Petersheim, Aucts.

WED. FEB. 19 - 10AM Farm Eq., 3 JD Tractors, Produce. 6 mis. N. of Williamsport, PA, at Warrensville, Lycoming Co. Mr. & Mrs. Harold Fox. Fraley Auction Co.

THURS. FEB. 20 - 10AM Specializing in Reconditioned Horse Eq., Cub Tractors, & Farm Eq. Located between Soudersburg & Paradise at 2971 Lincoln Hwy. East, 6 mis. E. of Lancaster, Lanc. Co., PA. Terms by: Tom Wheary & Sons. Robert E. & Jeffrey R. Martin, Aucts.

THURS. FEB. 20 - 9:30AM Cattle sold at 12:30. 70 Head Reg. Holsteins, Farm Mach. Narvon, Lanc. Co., PA. Emanuel & Katie Fisher, Owners. Steve & Steve, Jr., Petersheim, Aucts.

FRI. FEB. 21 - Mostly Case Farm Mach. Located 3 mis. E. of Wakefield, Little Brittian Twp. James Ross, Owner. J. Everette Kreider, Auct.

FRI. FEB. 21 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

FRI FEB. 21 - Farm Mach. RD1, Elliottsburg, Perry Co. PA. Gary Haas, Owner. Kling's Auction Service

FRI. FEB 21 - 226 Holsteins and Guernseys E Lyle Clark, Jr, Stuart, VA. Ownby Auction Service.

SAT FEB 22 - 9AM Consignment Auction Sale. For Suburban Contractors Assoc, Essington, PA. Vilsmeier Auctin Co., Inc.

SAT. FEB 22 - Farm Mach. RD, Loysville, Perry Co., PA. Ray & Lynn Kling, Owners. Kling's Auction Service.

TUES. FEB. 25- Farm Mach. 1½ mis. NE of Intercourse. Amos King, Owner. Steve & Steve, Jr., Petersheim, Aucts.

TUES. FEB. 25 - 9:30AM Edwin Horning & Sons Farm Mach. Located: Along Meadow Valley Rd., 1½ mis. W. of Ephrata, Lanc. Co., PA. Horst & Rentzel, Aucts.

THURS. FEB. 27 - 9:30AM Dispersal of High Grade Holsteins, Farm Mach. Whitehorse, Lanc. Co., PA. Elam A. & Dora Riehl, Owners. Steve & Steve, Jr., Petersheim, Aucts.

THURS. & FRI. FEB. 27 & 28 - 9AM Antique Tractors, Engines, New, Used and Abused Farm Mach. Located 10 mis. E. of Lancaster; 2½ mis. W. of New Holland, turn off of Rt. 23 on South Groffdale Rd., turn left on Musser School Rd., Lanc. Co., PA. Terms by: Elias S. Beiler. Robert E. & Jeffrey Martin, 656-7770. Blaine Rentzel & Freddy Goodrich, Aucts.

FRI. FEB. 28 - Mostly AC Farm Mach. Located 3 mis. N. of Wakefield, East Drumore Twp. Joe Overly, Owner. J. Everette Kreider, Auct.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MARCH

FRI. FEB. 28 & SAT. MAR. 1 - 9AM 16th Annual 2 Day Consignment Sale of Farm Eq. Located Donald Scheese Farm, RD 3, Box 288, Elmer, NJ. Blaine Rentzel & Clyde Wolgemuth, Aucts.

SAT. MAR. 1 - 11AM, Terms by Henry M. & Elizabeth Martin. Located between Terre Hill & Red Run. East Earl Twp. Lancaster Co. Farm Equipment & Household Goods. Auct. Paul W. & Leroy S. Horst.

SAT. MAR. 1 - 9AM 22 Annual Bart Fire Co. Sale, Bart, PA.

SAT. MAR. 1 - Farm Eq. & Tools. Located North of Mt. Airy along W. Girlscout Rd., Lanc. Co., PA. Lester E. & Arlene M. Martin, Paul E. Martin & John D. Stauffer, Aucts.

MON. MAR. 3 - Farm Eq. & Tools. Located RD4, Lititz, PA, 3 mis. W. of Ephrata off of 322. Dennis E. & Deena L. Hess, Owners. Paul E. Martin & John D Stauffer, Aucts.

WED. MAR. 5 - 10AM Farm Mach., Hshld., 3 Tractors. 2 mis. SE of Turbotville, PA. Mr. & Mrs. Rohr Enterline. Fraley Auction Co.

THURS. MAR. 6 - Farm Eq. & Related Items. Located 244 Burnt House Rd., Carlisle, PA. Ralph Goodling, Owner. Foreman, Auct.

FRI. MAR. 7 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

Kish Valley Buying Station

Located at the intersection of South Walnut Street and the Front Mountain Road adjacent to the Belleville Mennonite School, Belleville, PA, 717-935-5195. Sherman Glick, Owner, 717-248-8960.

Will be receiving cattle Christmas week, Thurs., Dec. 26; New Year's week, Thurs., Jan. 2 from 7 AM - 3 PM.

Receiving hogs, calves, beef cows, and fat cattle.

No commission, no weight loss.
Checks Immediately

250-350 HEAD SPECIAL HORSE SALE WORK HORSES-MULES & DRIVING HORSES

FRIDAY JANUARY 10, 1986

Tack 9:00 A.M.
Sale 10:00 A.M.

AT NEW HOLLAND
SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

* 2 Load Work Horses and Mules consigned by Ward Wright.
* 1 Load Work Horses and Mules consigned by Norman Kolb.
* 1 Load Work Horses consigned by Tom Collins.
* 1 Load Work Horses consigned by Jim Howard.
* 1 Load Work Horses and Driving Horses consigned by Bub Leonard.
* 1 Load Driving Horses consigned by Clayton Waterbury.
* 1 Load Driving Horses consigned by Jonas Beiler.
* 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
* 1 Load Driving Horses consigned by Elam B. Stoltzfus.

Plus many more consignments by sale time.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538
Next Horse Sale Fri. Jan. 24

PUBLIC AUCTION

OF FARM EQUIPMENT & TRUCKS

SATURDAY, DEC. 28, 1985

AT 10:00 A.M.

Located along Covered Bridge Rd., between Yellow House and Pleasantville, Oley Twp., Berks Co., Pa.

Trucks

'74 Brockway TractorConv. w/sleeper, tandem axle, wet line, 350 Cummins (good 22" rubber, 13 spd. R.R. Trans. & 4.11 Rear); Gilmore 28' Alum. Dump Trailer, 10-22" radials; 1968 Int. 1800 Twin Screw Gas w/16' Grain Dump, 5x3 spd. trans., 48,000 g.v.w.; 1963 Int. 1890 Gas w/16' Knapheid Grain Dump, 5 spd. w/2 spd. rear, 33,000 g.v.w.; 1968 Chev. 80 Series Gas w/16' Grain Dump, 5 spd. w/2 spd. rear, 33,000 g.v.w.; NOTE: All trucks have 10:20 tires and good metal bodies. 4 Truck Tarps; 1968 Chev. 80 Series 10' Dump Farm Truck, 10:20 tires, comp. wet line for truck tractor (pump tank hose & controls); 1982 GM Pickup Truck, 15 Sierra Classic, Air.; Wood extention cattle racks for 14' Midwest Truck Body. NOTE: NOTARY WILL BE PRESENT AT SALE.

Tractors

I.H. 1066 Diesel Cab & Heater T.A. Weights, 20.8-38 Tires, 2400 Hrs.; I.H. #806 Diesel WF. FH Weights T.A.; I.H. 656 Diesel Hydro W.F., 3 pt. w/2000 Loader; I.H. 504 Utility Gas w/Fast Reverse & 2000 Loader F.H. w/F.H. Scraper Blade; 1020 J.D. Hi-Utility, Diesel Hi, Low Shift & Diff. Lock, 3 Pt.

Equipment

I.H. 1460 AXIL Flow Combine Hydro 30.5x32 Tires, A.C. Auto. Header Control, #863 Corn Head w/6-30" Rows & #810 15' Grain Head w/Grain Loss Monitor (850 hrs.); I.H. #400 Cyclo Corn Planter w/monitor, 6 - 30" Rows w/rear fert. auger; I.H. #1250 PTO Grinder Mixer; I.H. 3 pt. 7' Mower #1300; I.H. #50 Flail Chopper; I.H. #55 Chisel Plow, 13 teeth; I.H. #700 Auto. Reset 5 - 16 Bot.; M.F. 3 pt. Plow 2 - 14" Bott.; N.H. #280 Baler w/bale thrower; N.H. #461 Haybine; N.H. #56 hayrake; 3 - N.H. 16' Wagons w/Bale Thrower Sides; 3 - N.H. 16' Flat Wagons (one w/grain sides); N.H. 36' Bale Elevator w/corn chutes; Myers Snow Plow for Tractor; John Blue 300 Gal. Sprayer stainless Steel Tank & Boom; Vicon 3 pt. 5 Wheel Rake; J.D. Disc BWF 13'6" Transport; J.D. Roller Harrow F950-12'; N.I. #214 PTO 3 Beater Spreader; 1 Row Fert. Attach. for 130 or Super A Farmall; I.H. 12½ KW 2 pt. PTO Generator; Elec. Motors - 10HP & 7½ HP 3 Phase and 7½ HP, 5HP, 3HP, & 2HP Single Phase; Willmar 5 Ton Tandem Fert. Spreader, Stainless Hopper; 52' Mayrath Elec. Motor, 8" Transport Auger; 34' Mayrath Elec. Motor, Auger, 6" Transport; 20' Mayrath 8" Auger; 50' Mayrath 8" Auger; 3 Pt. Round Bale Carrier; 3 - 1500 Fert. Tanks (snyder); SNOWMOBILES - Articat panther, like new; Skido; EZ Snowmobile Trailer. Rupp Model 80 Motorcycle; Model 919 MOTOMCO Grain Moisture Tester; Grain Probes; Seedburo Gram Scale; 10'x 10' Frame Office Building; 3 - 12'x 12' Frame Storage Sheds; 10 Smidley Hog Self-feeders, 1 - 16 hole, 7 - 12 hole, 2 - 8 hole; 5 Pride of Farm (double) Elec. heated Hog Water Bowls; Portable Cattle Loading Chute; 800 Gal. Water Tank on 2 Wheel Trailer; 24' Metal Calf Panel, Gates, Runway Mats; New & Used Lumber, Roofing & Spouting; 2 Overhead Garage Doors - 16' wide x 14' high and 14' wide x 12' high; 2 - Oil Fired Hot Air Heaters; 2 - 1000 Gal. Gas Tanks w/elec. pump; 2 - 300 Gal. Gas Tanks w/elec. pump; 3 - 275 Gal. Fuel Tanks; Truck Tires & Rims, 22" & 20"; Log Chains; Truck Chains; Tractor Chains; Rope & Pulleys; 300 pcs. Redwood Picket Fence Pails; Old House Shutters; 2 Old Hand Water Pumps; 5 Grain Cradles; 3 - 2 Horse Plows; New Hay Hooks; Montgomery Pulltype 6' Gang Mower; I.H. 149 CUB CADET LAWN TRACTOR, Hydrostatic w/50" Rotary Mower; 3 HP & 1½ HP Air Compressors; 180 Amp Lincoln Welder; Floor Model Drill Press; Acetylene Welder; Pipe Cutter & Threader; Work Bench & Vise; All Kinds of New & Used Parts; Air Tools; All Kinds of Wrenches, Socket Sets, Hand Tools, and Power Tools; Truck Changing Equipment; Anvil; 2 Remington Chain Saws; Wood Extension Ladders; MANY MISCELLANEOUS ITEMS NOT MENTIONED.

ORDER OF SALE: Small Items & Tools, Farm Equipment, Tractors, Trucks.

Terms By:
DAN & MILDRED MAST
(215-689-5623)

Alvin Horning, Auctioneer
#AU-000433-L
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543
215-286-5183

LUNCH AVAILABLE

ANNUAL HARPER IMPLEMENT CO., INC. AUCTION

SWAYZEE, INDIANA

12 MILES TO MARION
16 MILES TO KOKOMO

TUESDAY MORN., DECEMBER 31 at 10:00 A.M.

Auction to be held 2 blocks south of the traffic signal light and then 2 blocks west of State Road 13 in Swayzee, Indiana.

AUCTIONEER'S NOTE WE STRONGLY URGE YOU TO ATTEND THIS AUCTION, if you are looking to buy SHARP, LOW HOURED equipment at YOUR PRICE HARPERS have built an excellent reputation for SELLING EVERY ITEM they put on the auction block, and we feel certain they will continue to live up to their PROUD REPUTATION With the uncertainty of the availability of INVESTMENT CREDIT in 1986, HARPERS have chosen a YEAR END AUCTION to offer you EXCELLENT EQUIPMENT with GUARANTEED TAX ADVANTAGES to YOU!

SALE ORDER Small Items, Tractors, Truck Tillage Equipment, Combine, & Heads (Auction completed by 1.00 PM)

**STEIGER 350 PANTHER- CASE 2870- IHC 3588-
STEIGER COUGAR- AC 7580- JD 7520- IHC 1086-
CASE 1370- JD 4430- JD 4320- CASE 1070-
JD 4010- OLIVER 1855- IHC 656- BOBCAT 530-
SEED CORN DETASSLER**

1977 Steiger 350 Panther 3 24 5x32 duals 903 Cummins 1600 hours 1 owner 1978 Case 2870 24 5x32 duals 1500 hours 1 owner 1980 IHC 3588 3 remotes 3 pt PTO 20 8x38 tires 900 hours 1 owner 1976 Steiger Cougar 2 30 5x32 tires w/24 5x32 duals 3208 Cat engine 1650 hours 1977 AC 7580 3 remotes 3 pt PTO 23 1x30 tires 1300 hours, 1974 JD 7520 18 4x34 tires 3 pt PTO 2800 hours 1978 IHC 1086 3 pt PTO 18 4x38 tires 2000 hours 1 owner 1977 JD 4430 w/Cab Air QR 18 4x38 tires dual remotes weights 2 793 hours 1975 Case 1370 cab air PS 18 4x38 tires 3 pt PTO 400 hours on complete engine overhaul nice 1972 JD 4320 roll bar cab front and rear weights dual hydraulics 18 4x38 tires 3400 hours 1976 Case 1070 cab air PS 18 4x34 rubber 3 pt PTO 3100 hours 1961 JD 4010 diesel wide front dual hydraulics 1300 hours on engine overhaul 1971 Oliver 1855 diesel 2400 hours 18 4x34 tires wide front 3 pt no cab IHC 656 utility tractor wide front 3 pt with IHC 2001 loader hydro 3100 hours 1981 Bobcat 530 skid steer loader 344 hours 1978 12 row seed corn detassler w/4WD & hydrostatic

**FORD C-750 TRUCK- CHEVY C-50 GRAIN TRUCK-
16' BASS BOAT**

1971 Ford C 750 truck w/tandem axle & New Way air tag new short block engine completely rebuilt 500 miles ago new brakes (10) new Bridgestone tires 28' Cassion roll back steel bed new Emron paint white trimmed in maroon new maroon upholstery top to bottom 1968 Chevy C 50 Farm Truck w/15 Knap Heide wooden bottom bed w/steel sides holds 320 bushels twin hoist single axle 900x20 tires 4SP trans 2SP axle 292 6 cylinder engine hyd brakes 60 000 actual miles one owner Quachita 16 Fiberglass Bass Boat 50HP Mercury outboard Lawrence fish locater Eagle elec trolling motor carpeting, live well rod holders 2 swivel seats 1 sit down seat on 1979 Gator trailer

**JD 7720 COMBINE- (2) JD 220 FLEX-
JD 215 FLEX- (2) JD 443- JD 643
JD 344- FEEDER HOUSE**

1980 JD 7720 combine hydro turbo monitor chopper 30 5x32 tires AHHC 11 2x24 rear tires 1202 hours 1 owner (2) JD 220 flex platforms JD 215 flex platform (2) JD 443 corn heads JD 643 corn head JD 344 corn head Quick tatch feeder house for 95 combine NICE

**30' JD 722 MULCH FINISHER- 16' JD 712 MULCH TILLER
25' MULCHER NEW 30' PACKER- (2) JD GRAIN DRILLS-
(5) CULTIVATORS- 30' FORREST-CITY DO-ALL-4 BTM
JD 2600 PLOW- 6x16" IHC 710 PLOW
- 6x16" JD 1450 PLOW- (2) KILLBROS WAGONS-
5' KUBOTA SNOWBLOWER- NEW 13' & 11' GLENCOE SOIL
SAVERS- (3) JD 7000 PLANTERS- JD 1240 &
JD 1280 PLANTERS- IHC 400 PLANTER- HOES-
DISKS- ARTSWAY 425 GRINDER MIXER- TRACK ELIMINATOR**

30 JD mulch finisher sold new in 1985 used on approx 600 acres NEW 13 Glencoe soil saver STRETCH FRAME spring shank NEW 11 Glencoe soil saver STRETCH FRAME spring shank NEW 30 Brillion X FOLD cultipacker 20 notched rollers extendable tongue scrapers hydraulic hoses 16 JD 712 mulch tiller used on 600 acres 11 DMI spring shank chisel plow 4 bottom JD 2600 SI plow plowed approx 500 acres 6x16 IHC 710 spring reset plow 6x16 JD 1450 plow 5x16 Case plow 6x16 MF hydraulic reset plow 25 Brillion mulcher 15 Brillion hydraulic tooth mulcher sharp has rolled approx 1000 acres 10 Brillion pull type seeder 15 Brillion packer 20 rollers on end transport 30 Hiniker 1530 field cultivator w/hydraulic gauge wheel & Hiniker harrow 30 Forrest City do all w/gauge wheels 21 Remlinger mounted harrow 1 year old JD 7000 4 row wide planter w/dry fertilizer disk openers insecticide monitor JD 7000 6 row N planter w dry fertilizer insecticide monitor JD 7000 6 row N planter monitor JD 1240 planter w/liquid fertilizer insecticide harrow JD 1280 planter w/dry fertilizer insecticide herbicide IHC 400 8 row narrow planter w/liquid fertilizer 12 row Brillion folding danish cultivator w/rolling tenders 12 row Noble folding danish cultivator w/rolling tenders 12 row Lilliston folding rolling cultivator JD 630 RM danish row crop cultivator w/rolling tenders and spray attachment (2) JD 415 rotary hoes JD 428 rotary hoe on end transport JD 110 14 disk w/furrow fillers extra sharp (2) JD 14 disks Hiniker 440 track eliminator JD 15 hole single disk grain drill SHARP JD FB 15 hole / grain drill (2) Killbros 350 wagons on JD gears w/11Lx15 tires 5 Kubota mounted snowblower w fan used very little assorted sizes tractor duals Artsway 425 Grinder Mixer w/auger feeder snowblower for IHC 1400 Series lawn tractor like new misc parts weights attachments some used lawn tractors

TERMS Cash or check with required identification John Deere financing will be available to qualified buyers on qualified pieces of equipment All persons interested in JD financing must have their credit approved in advance of purchase We will have people to assist you sale day Programs in effect will be explained sale day, or call Rex Riggs at Harper Implement Co , Inc at 317-922-7904 for details prior to sale day

All equipment subject to prior sale No equipment will be sold after close of business Friday, December 27, 1985 All purchased equipment is expected to be moved within 2 weeks after sale unless other arrangements are made All statements made sale day will take precedence over printed sale bill We will constantly be trading for more used equipment, which will also be sold sale day Check with us if you need an item that doesn't appear in our sale bill

Not responsible for accidents

OWNER:
HARPER IMPLEMENT CO., INC.
(317) 922-7904

AUCTION CONDUCTED BY:
Rex D. and Denzil Schrader
SCHRADER REAL ESTATE AND AUCTION COMPANY
209 W. Van Buren
Columbia City, IN 46725
Phone: 219-244-7606 or Ft. Wayne 625-3373

Lunch served

Public Auction Register

Dairy and Livestock Sales

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566

FRI. MAR. 7 - 9AM Spring Machinery Sale Located Belleville Lvstk Mkt., selling all kinds of machinery on consignment. Belleville Livestock Mkt, Inc.

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle
MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

SAT MAR. 8 - 8:30 AM - 17th Annual Commission Sale by Gordonville Fire Co. Located at the Fire Hall, Gordonville, 10 miles east of Lancaster on Rt. 30. Turn North on Leacock Rd. at Paradise, approx. ½ mile to sale. Household Goods, Farm Equipment, Quilts & Antiques. Ron Funk & Local Auctioneers.

SAT. MAR. 8 - 9AM Potato Eq., Farm Eq. Trucks & Tractors. Felton, PA. 3 miles South of Red Lion, York Co. Clair Flinchbaugh, Owner. Blaine Rentzel, Auct.

SAT. MAR. 8 - 9:30AM Farm Eq. & Hshld. Located along Rt 341 midway between Lawn & Deodate, Dauphin Co., PA. Sale by: Carl H. Snavely, Raymond Miller, Auct.

SAT. MAR. 8 - Farm Mach RD, Carlisle, PA Galen Byers, Owner. Kling's Auction Service.

SAT. MAR. 8 - 9AM 70 Head Livestock, Dairy Eq., 6 Tractors and Farm Mach. Located in Centre Co., 6 mis. S. of Bellefonte, PA, on Rt. 550 in Buffalo Run Valley, turn W. (right) at Filmore Church, about 1 mi. to lane on left. C.D (Joe) Shafranich, Owner. Mark Glick, Auct.

WED. MAR. 12 - All Kinds of Tractors & Farm Eq. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & B. Rentzel, Aucts.

THURS. MAR. 13 - 9:30AM Consignment sale of Tractors & Farm Eq. Messick Farm Eq., Inc, Rheems Exit, Rt. 283, Elizabethtown, PA. Raymond Miler, Auct.

FRI. MAR. 14 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

SAT. MAR 15 - 9:30 AM - Farm Eq. Household. 5 Miles west of Brickerville, 5 miles east of Manheim. From red light at Brickerville, go west on Rt. 322 1½ miles, turn left on Speedwell Forge Rd., go to Mountain Rd., turn right. Lancaster Co John N. Reiff. Frank & Paul Snyder, Auctioneers.

SAT. MAR. 15 - Farm Eq. & Related Items Located RD1, Boiling Springs, PA. Estate of Willis (Ike) Sughart. Foreman, Auct

SAT. MAR. 15 - 8:30AM Consignment Auction Sale. For: Utility & Trans. Contrs. Assoc. of NJ, Wall Twp., NJ. Vilsmeier Auction Co., Inc.

SAT. MAR. 15 - Farm Eq., Dairy Cattle, Hshld., & Tools. Located 4½ mis. N. of Womelsdorf, ½ mi. off Rt. 419 along Parkside Inn Rd. Berks Co. John W. & Gayle D. Eiler, Owners. Paul E. Martin & John D. Stauffer, Aucts.

SAT. MAR. 15 - 9AM Farm Mach., Hshld., Produce. 15 mis. N. of Williamsport at Calbert, Lycoming Co Sale by: Mr. & Mrs. Elwood Loudenslager Fraley Auction Co.

FRI. MAR. 21 - 7PM Horse Sale New Holland Sales Stables, Inc, New Holland, PA.

SAT. MAR. 22 - Farm Eq & Tools Located W. of Lancaster, Rt. 30, Centerville Exit, S. to Columbia Ave., turn left first Rd right on Kready Rd. Aaron J. Brubaker & Gary R. Bender, Owners. Paul E. Martin & John D. Stauffer, Aucts.

SAT. MAR. 22 - Lancaster Farm Toy Auction, Show & Sale: 9AM to 3PM. Auction Starts at 5PM. Located Lancaster Treadway Inn, Rt. 30 & Oregon Pk. (Rt 272), Lancaster, PA. Wally Hooker, Auct.

SAT. MAR. 22 - RD1, Duncannon, PA. Owen Ebersole Estate. Kling's Auction Service.

MON. MAR. 24 - Farm Eq. Located North Groffdale Rd., Loela, PA. M.M. Weaver & Son Owners. Paul E. Martin & John D Stauffer, Aucts.

MON. MAR. 24 - Farm Eq. & 3 Tractors. Ronald M. Carper, R1, Manheim, PA. Along Landisville Rd, just W of Rt. 72 in E Petersburg on Graystone Rd. to Landisvally, PA Wolgemuth Auction Service.

SAT MAR. 29 - Full line of Farm Mach. Pine Grove, Schuylkill Co., PA. Paul Martin, Owner. Steve & Steve, Jr, Petersheim, Aucts

APRIL

FRI. APR. 4 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

TUES. APR. 8 - 7PM Feeder Pig Show & Sale. New Holland Sales Stables, Inc., New Holland, PA.

FRI. APR 11 - 7PM Horse Sale New Holland Sales Stables, Inc., New Holland, PA.

SAT. APR. 12 - 9AM C.H. Wolgemuth & Sons Annual All Day Consignment Sale. Four mis. W. of Manheim, along Valley Rd., 10 minutes from Rt. 283 at Manheim/Mt. Joy Exit. Lanc. Co., PA.

WED. APR. 23 - All Kinds of Tractors & Farm Eq. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & B Rentzel, Aucts

FRI. APR 25 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

MAY

MON. MAY 26 - Antique Tractors & Farm Eq. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & B. Rentzel, Aucts.

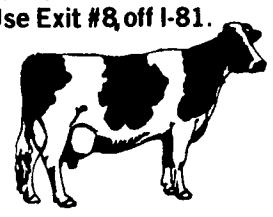
WOLGEMUTH AUCTIONEERS
R D #2 Manheim Pa
COMPLETE AUCTION SERVICE
C H
PH 717-665-5664
BOB
PH 717-665 6684
DENNIS
PH 717-627-0571

DAIRY SALE

Whitney Point, N.Y.

Friday **JANUARY 3, 1986** 12:30 P.M.

Sale to be held on the Mel Manasse Farm on Route #79, 4 miles south of Whitney Point. Use Exit #8 off I-81.



100 — HEAD OR MORE — 100

1) **84 Head Holstein Dairy from Pennsylvania** — 80 Mature Cows: 29 were fresh Aug. thru Nov - some bred back; 17 fresh in Dec.; 20 due Jan. thru March; 14 due April & May; 4 large Holstein handling heifers. Herd was on monthly Herd Health - DHIA - Owner Sampler records available at sale time (very low sommatic cell count). Herd has been Preg. examined, shot for Shipping Fever, Blood & TB Tested and are eligible for immediate Interstate Shipment day of sale Herd milked in conventional barn, but also were fed in a free stall barn - will work either way. A good honest herd of cows that will suit and are milking very well.

2) **10 Large Holstein Heifers** from a Heifer Man - due in Jan. Absolutely the right kind. Have been fed outdoors. In good condition. Some may be fresh by sale day. Shot for Shipping Fever; Blood & TB Tested; and are eligible for immediate Interstate shipment day of sale.

3) **Jersey Service Bull & Lineback Service Bull** - Ready for Work.

4) **Some Other Handling & Bagging Heifers** or Handling Cows, Maybe some Open Heifers

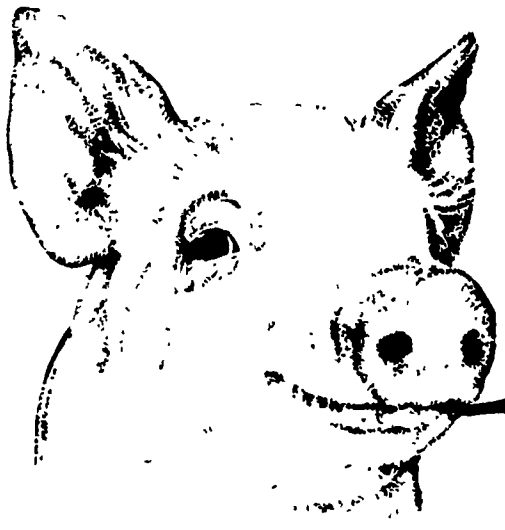
TERMS - Cash or Good Checks w/Positive ID day of sale.
Lunch Available
SALES MANAGERS & AUCTIONEERS

JIM ADRIANCE
Montrose, Pa.
717-278-1574

MEL MANASSE
Whitney Point, N.Y.
607-692-4540

PENNSYLVANIA ALL BREED BRED GILT SALE

Farm Show Bldg. - Harrisburg, Pa.
Small Arena
Sale Arena Phone (717) 787-4160



Catalogues Available At Farm Show Or By Request Only From Harry Bachman 138 College Ave. Annville, Pa. 17003

SALE SCHEDULE

MONDAY, JANUARY 13, 1986		TUESDAY, JANUARY 14, 1986	
10:00	Landrace	10:00	Berkshires
12:00	Yorkshire	12:00	Duroc
2:00	Spotted	2:00	Hampshire

Swine Open Show
Sat., Jan. 11
9 A.M.
MAY BE REMOVED FOLLOWING SALE WHEN SETTLEMENT MADE

Auctioneer
HARRY BACHMAN
138 College Ave., Annville, PA 17003
Tel. 717-867-1809

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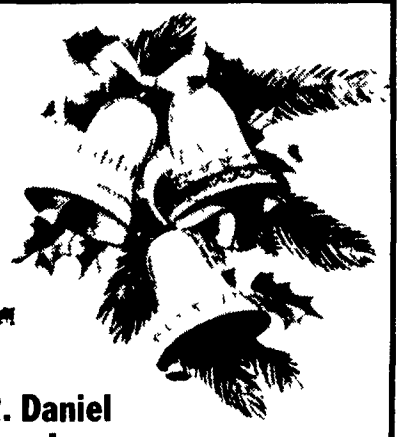
ROY E. GOOD, JR.
RD 1 BOX 151 A
DENVER PA 17517
215-445 4309

A Happy, Healthy & Prosperous Holiday to All That Have Supported My Auction Sales Over the Past 23 Years.



Col. Fred R. Daniel
Auctioneers, Inc.
Neshanic Station, NJ 201-369-4784
A Full Service Auction Co.

Join Us In Welcoming '86

NEW YEAR'S SPECIAL
STOP-LOOK-THINK

RAMPANT FARM COMPLETE REG. MILKING HERD AND BRED HEIFER DISPERSAL

FRIDAY, JANUARY 3-12:NOON

5-Reg Bred Heifers-Born from 9-25 to 12-14-83
7-Reg Heifers-Breeding age or Short Bred
Born 1-4-85 to 12-19-84

Heifers Bred To A.I. Bulls

Yearling-Reg -Heifers to baby calves
5-Born-2-15-85 to 5-7-85
7-Born-6-27-85 to 12-8-85

Reg.-Rocklyn-Sire-GP 82 Selling Rockman due JAN. potential for Ex.
2 yrs. 6m. 305d. 16,709m. 624F
Daugh. selling-Sire-Pawnee Farm Arlinda Chief-Due May
DAM-Round Oak Rag. Apple Elevation-85 VVV
Lifetime-120,780m. 4.1% 4,950F.

Reg.-Deb-Sire-Round Oak Rag Apple Elevation-Due JAN.
1-11 289 15,450m.
2-10 305 15,660m.
DAM-Foxlease Explosion
2- 8 305 15,950m.
3-11 305 20,960m.

Reg.-Charm-MT Glen Chimes Chaz-2 yr.-5m. Due JAN.
Dam-Pawnee Farm Arlinda Chief.
305 16,326m.

Reg.-Hilda-Sire-Woodbine Pearl Comet-due JAN. 4.9% lifetime.
Daugh. Rus-La-Mar Cherokee E.T. Due July
DAM-Sire-Chapel Bank Apache
4- 9 305 16,930
5-10 305 17,890
6-10 305 18,540

Reg.-Glory-Sire Vincent View Molly Chief-Due Dec.
3-8 16,215 4.3% 736F.
DAM-Dunwood Rising Star E.T
4-1 287 20,120 4.1 826
5-0 305 20,740 4.1 841
6-1 289 20,920 4.0 828

Reg.-Heifer Royal-Sire-Pennstate Ivanhoe Star-Due May.
DAM-Sire-Vincent View Molly Chief.
5-2 305 4 3%
6-2 305 17,650 4 0% 709F
7-2 288 15,800 4.2% 658F.
8-3 305 20,490 4 0% 822F.
Lifetime-116,968 4.2% 4874F

Reg.-Heifer-Star-Sire-Chapel Bank Apache
DAM-G.P. 83-4-6 305 16,601m.

Reg.-Heifer-Kate-Sire-CAL-Clark Board Chairman
Dam V.G. 86-4-6 305 21,300m. 3.7% 804F

Reg.-Titan Bird-Sire-Pack Herd Star Bright-Just Fresh
DAM-Marlu Titan.
6-6 305 17,820 4.0 714.
7-7 281 19,900 4.2 832.

Reg.-Glow-Sire Glendell Arlinda Chief G P. 80 Just Fresh.
2-5 305 4.4% 492.
DAM-Round OAK Rag Apple Elevation.

Reg.-Minnie-Sire-Glendell Arlinda Chief
2-4 305d. 4.2%.
DAM-Glen Valley Star

Reg.-Sire-Royalstead Happy Sensation-Born 9-8-80
V.G. 87 pts. 3 yr. 7m. 13,940m. 4.2%.
DAM-Eagle Dght.-EX90 EVVE Lifetime-112,620m. 3.8%.

Reg.-Sire Round Oak Rag Apple Elevation Born 7-30-81
2-6 305d. 13,600m. 4.3 587.
DAM-Inspiration-15,000-17,000 & 18,000m.

Reg.-Sire LeDel Ideal Superior-Born 5-25-82.
Dam-CA-Lill Ele Majectic Topper
3-1 305 17,020 3.7 633
4-3 305 17,310 3.6 621

Reg.-Sire-Marlu Titan-Born 11-16-81.
2-4 305 15,490 3.5 541

Reg -Sire-Lea Land Astro Kaz-Born 3-2-81.
2-7 305 13,148 441.
4-2 305 18,860 3 6 678.
5-2 365 17,340 3.4 571

Reg.-Sire-Harbor Crest Marcus-Twin Born-12-28-30
2-3 162 9,810 3.7 360 Inc.
3-4 305 17,230 4.1 711
DAM-3-9 305 20,770 4.0 841.
5-0 305 21,730 4.8 1041
365 24,310 4.8 1164.
Daughter Selling-Born 5-3-84.

Reg.-Sire-Bunyard Moneymaker-Born 9-23-80
2-8 305 13,830m. 3.7.
DAM-Pen-State Ivanhoe Star.
4-5 305 18,950 4.0 764.
5-6 305 19,030 4.2 793.
Gr. Dam-Lifetime 134,860m.-3.6%-4,846F

3-Reg Holstein Bulls-2 Ready for service-2 Proven Sire-Arlinda C A R Dairyman 4 29 84
DAM-Pudget Sound Highmark G P 82 14,387m
Reg -Sire-Hollow View Marc-Born 11 22-84 DAM-14,387m
Reg Sire Leadfield Columbus Born 12 14 83 DAM over 15,000m

The Following Animals Are Out of Over Stocked Barns And Herd Dispersals

Reg -Leadfield Columbus-E.T Born-11-9-83-VACC
Bred 3-24-85 to Dreamstreet Home Run
DAM-Rora Elevation Gr Dtr.-V G 88
4-5 365 24,022m. 4 50% 1069F
5-10 365 27,872m. 3.80% 1068F
7-3 339 20,164m 4.40% 883F
3-5 318 20,760m. 4.20% 863F
3rd-DAM-14,000 & over 17,000m. 4.30 to 4 60%

Reg.-Glen-CAL Matchless Monitor-Born 4-7-82.
Bred to 3-29-85 to Kish-View Conductor Sugardaddy
DAM-Shade-MT Ned Lady-V G. 85
5-0 305d. 18,881m 3.40% 642.
4-0 280d. 17,942m. 3.50% 633.
3rd DAM-G.P. 82-10-10 305d. 19,670m. 3 90% 766F

Reg.-Green-Banks Diplomat-Born 4-17-83
Bred-3-20-85 to Twin-Lawn Elevation Jason
DAM-Shade MT Charmcross Gay.
5-11 305 16,950m. 4.20% 714F
6-10 277 15,320m 3 90% 603F
4-5 305 14,440m. 4.00% 584F
Next DAM-V.G. 87, 3 records-4.40% 4 60% 4 60%

Reg.-Curtmaid Astronaut Dixie-Born-1-10-83
DAM-Wis Magician Gray View.
3-8 305 13,120m. 3.8% 502F.
4-10 305 17,320m. 3.6% 616F.

Reg.-Carlin-M Ivanhoe Bell-Born 11-25-83-VACC
Bred-4-15-85 to Rustic-View Glendell Paco
Dam-Poverty-Hollow Milestone-G P 83.
4-4 225d. 16,550m 3 6% 598F Inc
3-2 302d 15,150m. 3.7% 554F
Next DAM-3 records 4.6% 4.3% 4.2%

Reg -Ocean-View Sexation-Born 9-19-83 VACC
DAM-2-4 315d. 11,850m. 4.7% 557F
3-3 222d. 12,130m. 4.3% 519F

Reg.-3 yr. old-Clinton Camp Majesty made over 22,000 as 2 yr. old-Potential for V.G. fresh.

Reg -3 yr. old Jemini made over 14,000 as 2 yr old - Potential for V.G -Fresh
DAM-V.G. 88 over 20,000
G-DAM-EX90 over 20,000.

Reg -Jo-El Kirk Chief Diablo-Born 10-14-83
Gr DAM-4-4 305d 16,030m 3.4% 538
5-7 305d 17,380m 3.5% 614
350d 18,530m 3.6% 662

Reg -CAL-Clark Board Chairman-Born 8-1-83
DAM-Arnold-Acres Marvex Rocky
1-11 301d. 11,690m 3 7% 436F

Reg.-Brulene Lucky Sonny-G.P. 82-Born-10-20-80
Reg.-Coldsprings Gangster-Born-10-6-83

Grade-Fancy Red & White-2 yr old-springer

A 2 yr. old Red and White Heifer, Registered in the Red and White Association due sale time.
DAM as a 3 to 6 year old made 19,000 to 27,000 of milk

Grade-Le-Del Elevation Chris-Due JAN 7-86
As 3 yr old over 22,000m. 3 8% 800F

Six 1st calf milking heifers out of one herd.
Good Uddered Heifers
Fresh Oct., Nov., Dec.-milk weights-Dec 5 & Dec 22-41 lbs up to 64 lbs per day
(1) Reg.-Coldsprings Keith-ET-milking 54 lbs -Est 13,127 Heifer's DAM-S-W-D Valiant-Daughter
One 2 yr old Jersey-Fresh-Oct. 15-milking 47 lbs Est 11,344

Plan To Spend A Few Hours At Cowtown In Smoketown,

Friday, JAN. 3-12:NOON

Turkeys for Some Lucky Buyer's

Managed by
SMOKETOWN QUALITY DAIRY SALES CO.
Gordon & Helen Fritz
717-393-0930

MELVIN KOLB, INC.

is having a

SPECIAL COW SALE

to start off the new year!

THURSDAY, JANUARY 2nd, 1986

TIME: 11:00 A.M.

LOCATION: West of Lancaster on Dairy Rd. Take Rt. 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd., turn left after exiting, go to mill, then sharp right under railroad bridge. Barn within sight of Rt. 283.

QUALITY HOLSTEINS

150 150

This Sale will consist of 50 Purebreds, many with DHI Records and good classifications. There will also be 100 head of grade cows and heifers.

There will be a trailer load of fresh grade New York state cows, just picked for this sale, & big, fancy cows just fresh milking from 80 to 100 lbs. per day. Really a good looking load of cows.

A Load of really good cows from the New England states, a nice load of cows from Northern PA.

A load of first & second calf heifers from Maine.

NEW YEAR'S
RESOLUTION!
Attend Mel Kolb's sales
every month of 1986
for Choice Holsteins!

GRADES

SPECIAL MENTION

HERD

★ ★ ★ Tioga Co., PA, COMPLETE HERD WILL BE SELLING! This is a good young herd of grade cows on DHI test. Several just fresh, filling 50 lb. milkers each milking, some springers & rest due throughout '86. These cows are all innoculated & pregnancy checked. We will have MILK RECORDS & BREEDING DATES at Sale time. This is a good herd of cows with a lot of potential...being sold due to health of farmer.

PB SPECIAL MENTIONS:

+ a fancy CAL-CLARK BOARD CHAIRMAN dau., born 1/14/83, never scored, as 1-11 294d 12116m 4.0% 480f, her dam is VG,85 a Ransom-Rail Pacemaker dau., as 5-0 310d 20,344m 3.8% 777f, 3rd dam a VG,85 Apollo dau., due sale time to Marshfield Elevation Tony.
+ a 5 yr. old VG,88 P-A-LONGVIEW BIG APPLE dau., bred to Higher-View Astro Matt, springing close, her record 16,330m 3.78% 618f

COWS THAT ARE SELLING:

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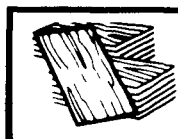

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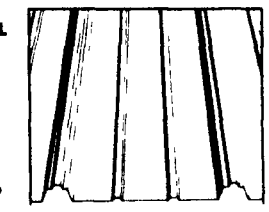

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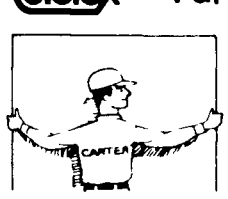

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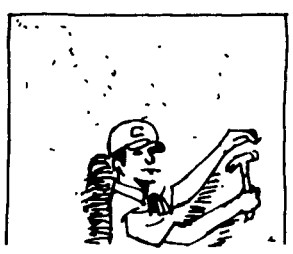

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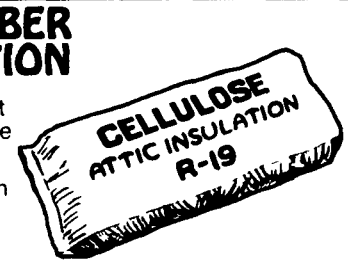

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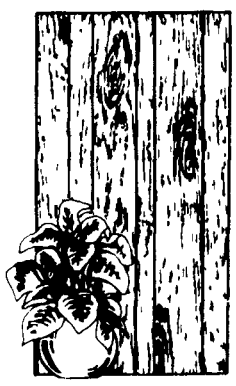

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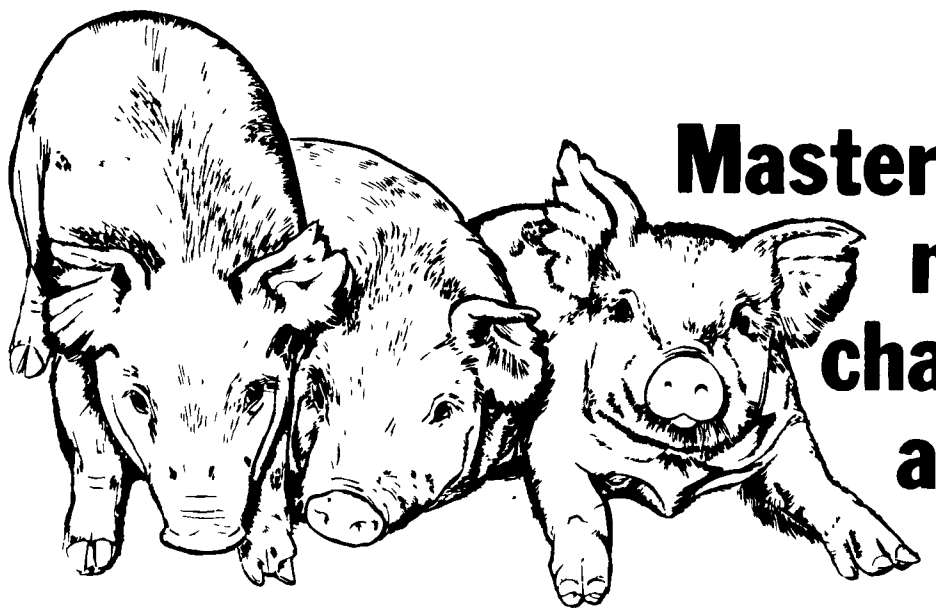

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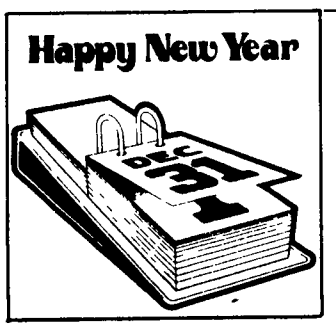

As We Go Into 1986 And Look Forward To A New Year Of Challenges, Master Mix And Our Dealers Want To Extend Warmest Wishes For A Prosperous New Year

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Hearings scheduled for Marketing Order

DECATUR, Ga. – Dates and locations for hearings on the proposed Egg Marketing Order have been announced, according to a recent United Egg Producers newsletter. The schedule is as follows:

Jan. 8; Atlanta, Ga.
Jan. 15; Little Rock, Ark.
Jan. 29; San Francisco, Calif.
Feb. 5; Philadelphia, Pa.
Feb. 27; Chicago Ill.

The Philadelphia hearing will begin at 9 a.m. in Room 300 of the Customs House, 2nd and Chestnut Sts.

The purpose of the nationwide hearings, according to Tim Allwein of the Pa. Poultry Federation, is to obtain industry input regarding the provisions of the marketing order.

USDA will appoint an administrative law judge to preside at the hearings, and anyone who wishes to testify may do so.

Following the Chicago hearing, another notice will appear in the Federal Register requesting written comments. USDA will then review the hearing testimony along with the written comments before making a final decision as to whether or not a producer referendum will be held.

For more information regarding the hearing process contact Janice Lockard, USDA Agricultural Marketing Service, 202-382-8132.

Penn State studying cage layer cleanup methods

UNIVERSITY PARK – A modern cage layer house is a complex building that is difficult to clean and sanitize. Just how difficult became painfully clear as poultry farmers and industry specialists struggled to control the outbreak of avian influenza two years ago. Yet, a thorough cleaning and disinfecting are essential for disease control and flock welfare.

Three Penn State faculty members are working under a $50,000 grant from the Pennsylvania Department of Agriculture to simplify ways of cleaning modern cage layer houses.

Robert Graves, Harvey Manbeck, professor of agricultural engineering and Patrick Richie, a graduate student in agricultural engineering, will son survey poultry farmers in Southeastern Pennsylvania as well as cleaning crews who were involved in clean up efforts during the avian influenza outbreak. They will use that first-hand experience to identify areas of cage layer houses that caused the most problems during clean up, and develop design and construction alternatives.

"We hope to develop designs for new cage layer houses and, whenever possible, recommend modifications that can be applied to existing structures," says Graves. By making poultry houses easier and less costly to clean between flocks, poultry producers will be able to improve flock welfare, productivity and economic efficiency.

Poultry producers now considering new construction or modifications to existing cage layer houses can consult a recent Extension publication, Special Circular, #318, titled "Constructing Cage Layer Houses for Cleaning Ease," prepared by Graves. This publication makes use of many of the lessons learned during the influenza clean up. Contact your Penn State County Cooperative Extension Service Office for a copy.

NY Cattlemen to learn about new packing plant

BINGHAMTON, N.Y. – A report on the Broome County Packing Plant to be built at Deposit this spring and its effects on beef and dairy cattle producers will be given by Jack Gartner of Erie, Pa. at the annual convention of the New York Beef Cattlemen's Association Jan. 10 and 11 at the Holiday Inn Arena here.

Gartner will be the speaker at the Jan. 11 luncheon session. He and his parter, Walter Harf, expect to break ground in Deposit in April for the $12-million meat packing plant due to open in February or March of 1987.

Gartner and Harf now own and operate the Garner-Harf Packing Plant in Erie, Pa. which slaughters 550 head of cattle a day. They also own a farm and several feedlots, finishing about 1,100 heaf of cattle a year.

Gartner said, "ours is a closely-held private operation and we are both second-generation in the business which began in the 1930's. While the Erie plant deals in carcass beef, the Deposit plant will be both a completely separate operation and multi-faced."

The plant will begin with a daily kill of 500 and will have the capacity to go to 1,000. Gartner said that beef-type and Holstein-type steers that will finish at a weight of about 1,250 pounds and a grade of low choice will be needed.

He said that, while the plant is designed to meet some of the East Coast kosher beef needs, about 75 per cent of the beef going through it will be non-kosher.

"We will be interested in all types of beef that have been started and fed properly," Gartner said, adding, "we will be marketing lean, boxed beef from our Deposit plant." He said he anticipates 25 per cent of the animals purchased will be "Holstein type"; another 25-30 per cent will be cows and bulls, and the remainder will be "beef type".

He projected the plant, which will employ about 300 when it reaches full production, "will stimulate the feeding of cattle in the general area, will change some of the patterns of marketing, and will bring added income to the dairy farmer and the beef farmer".

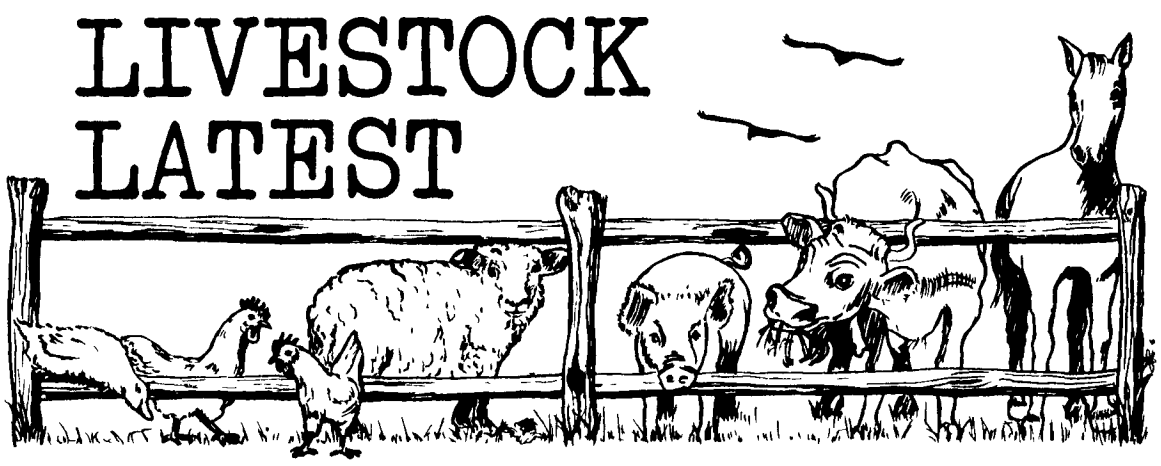
Leftover feed can lead to illegal drug residues

ALEXANDRIA, VA – Just a few minutes and a few bushels of corn is all it takes to avoid a common source of illegal drug residues, suggests the Animal Health Institute.

Here's the problem: in screw augers, sometimes there's a gap between the screw flights and the housing, which allows a layer of feed to accumulate at the bottom of the housing.

This leftover feed comes out when the next batch of feed moves through the conveyor. If the leftover feed is medicated, and the new feed is not, drug carryover can occur – leading to animals being withheld from the market, or even condemned, because of illegal drug residues.

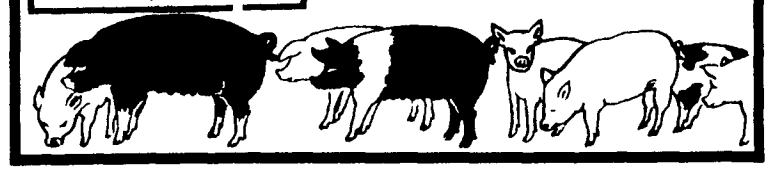
And here's the solution: make a habit of flushing augers with a few bushels of shelled corn. Be sure that the corn used to flush the conveyor is fed to animals currently on medicated feed, or to animals not going to market.



Pork Prose

by
Kenneth B. Kephart

Penn State Extension Swine Specialist



Marketing: The 'When' and 'Where'

Once you get a hog past 200 pounds, the hardest part is over. Now it's just a matter of figuring when, where and how you can get the most for what you have. This month we'll cover the when and where of marketing hogs.

WHEN

At what weight should you sell market hogs? 220 pounds? 240 pounds? That depends on your production costs and the price breaks for each weight. The optimum selling weight never stays constant. But there's always a healthy margin between the most profitable and the least profitable weight.

To figure the best selling weight, you must know five things: feed conversion, feed cost, growth rate, the daily cost of keeping hogs in your facilities, and the market price of each weight.

Let's say that the feed conversion in your herd is 4.0 from 210 to 230 pounds and feed costs $7.50/cwt. Let's also assume that growth rate is 1.8 pounds/day, costs for keeping hogs in your facilities is 10 cents/day, and the market price is $45/cwt at both 210 and 230 pounds.

In this example you'd need 80 pounds of feed to grow a hog from 210 to 230 pounds. That would cost you $6. Getting to the heavier weight will take about 11 days. At 10 cents/day, keeping hogs in your facilities will cost you $1.10. But you'd be selling another 20 pounds of hog at $45/cwt which amounts to $9.

$9 minus $6 minus $1.10 = $1.90. Provided you don't have a price change, selling at 230 would net you $1.90 more per head compared with selling at 210 pounds.

We can expand the same example to 240 and 250 pounds. From 230 to 250 pounds, the feed conversion is 4.25. At 250 pounds, the price would drop to $43/cwt. Calculating returns the same way shows us that a 240-pound selling weight will net $2.65 more than selling at 210 pounds. But marketing at 250 pounds is $1.60 less profitable than at 210 pounds.

Example 1: Marginal Returns Over Selling at 210 Pounds

220 lbs. +$.94
230 lbs. +$1.90
240 lbs. +$2.65
250 lbs. -$1.60

Does this mean 240 pounds is always the best marketing weight? No. Just alter a few numbers and we get a different picture. Change feed conversion to 4.5 for 210 to 230 pounds. And make it 4.75 for 230 to 250 pounds. Lower the growth rate to 1.5 lbs/day. And raise the feed cost to $9.50/cwt.

Now the marginal returns tell us that 210 pounds is the best selling weight.

Example 2: Marginal Returns Over Selling at 210 Pounds

220 lbs. -$.45
230 lbs. -$.88
240 lbs. -$1.56
250 lbs. -$6.91

So changing market weights makes a difference. How can you be sure which weight is best for you? Know your costs and know your herd's performance. If you're not sure, keep two points in mind.

1. Never sell hogs at a discounted price. That happens if they're too heavy or too light.

2. Sell hogs on the heavy side (230 to 240) unless hog prices are low and feed prices are high.

Weekly and Seasonal Prices

What about the day of the week or the time of year? Both factors have an influence, but they're not too predictable. Hog prices tend to be low on Tuesday – a popular day to ship hogs. Shipments drop somewhat toward the end of the week, so prices usually creep up on Thursday and Friday. While it doesn't happen this way every week, consistently marketing late in the week will probably net you more than always selling on Mondays or Tuesdays.

Time of the year also plays a role in hog prices. Hogs tend to be high in June, July and December and low in October and April. This pattern doesn't hold every year. It certainly didn't in 1985. But as a marketing strategy, you might consider marketing on the light side in the traditional low months and holding more hogs (to heavier weights) for marketing in the high months.

WHERE

Where can you sell hogs? The three most practical avenues in Pennsylvania are: directly to the packer, at the buying station and at the livestock auction.

Large packers in Pennsylvania include Hatfield Packing Company in Hatfield, Shamokin Packing Company in Shamokin, Leidy's in Souderton, and Allen Clark in Paxinos. Arrangements can be made to ship hogs directly to any of these packers. There are at least eight buying stations and about 34 livestock auctions in Pennsylvania.

The livestock auction seems to be losing popularity because payment is delayed, some shrinkage occurs until the hogs are sold and a commission is required.

Shipping directly to the packer eliminates the commission and the shrink (if hogs are delivered and killed the same day). But some packing plants may not be conveniently located and there may be lines waiting to unload. Some packers will come directly to your farm for large loads. That reduces some shrink and saves you the time involved in trucking the hogs yourself.

Buying stations offer many of the advantages of shipping directly to packers. For one thing, there are more buying stations than packers, so there are probably one or two near you.

Which alternative is best for market hogs? To answer that for yourself, sell hogs through each of the channels. Keep track of your costs for time on the road and distance traveled. Then see what's left on the bottom line. Whatever market you choose, remember that there's nothing wrong with experimenting. Even if you've developed a sense of loyalty with one buyer, it sometimes pays to go in a couple different directions with your weekly production. Next month we'll discuss the how of marketing hogs.

Leaner hogs mean fatter profits

By
Richard Barczewscki
University of Delaware

NEWARK, Del. – We are currently being swamped with article after article on producing, marketing, raising and feeding lean pork. By now I'm sure you're fed up with all of these articles, but I hope you'll give me a chance to voice my opinion.

Consumer demand is an important item to consider when you produce a product. Obviously if you're producing something that nobody wants, you're not going to be in business very long. With regard to the pork industry, the producer rarely gets any positive feedback (from the consumer) on his hogs. How can he? He raises an animal, it's sold (sometimes with numerous other hogs from numerous other farms), slaughtered and further lost in the masses.

By the time the hams, chops and bacon get to the supermarket their identity has been long lost,k and so has the incentive to produce a leaner product.

Some packers are afraid of lean hogs. In the process of cutting loins from the carcass, lean hogs are more susceptible to scarring. A scarred loin has less value because the muscle dries out, changes color and has less overall eye appeal. Extra backfat allows for a larger margin of error during loin stripping, and protects one of the most valuable cuts.

If packers are looking for hogs with an adequate amount of backfat to prevent loin scarring, then in essence they'll pay a premium for animals with the desired amount of fat–which might not be the same amount consumers are demanding.

The saving grace of the problem has been the grade and yield type of marketing. Right? Well sometimes. The grade and yield system favors lean pork, giving the producer positive feedback. If the packer uses carcass yeild and backfat measurements to determine hog price and pays extra for reduced backfat, then leaner pork gets a higher premium. This signals the farmer to produce more lean hogs.

However, some packers base their payments on carcass yield alone. A fat hog will consistently yield higher than a lean one, since the extra fat remains on the carcass. If a product is getting paid a premium for higher yield hogs, then he's getting paid extra to produce fatter hogs. Grade and yield should pay premiums for large, lean hogs.

The reason most packers want large hogs is that it costs essentially the same to process a large hog as it does a small one. So they end up with more marketable product for the same processing fee.

As you can see by now, the whole idea of raising lean, consumer-demanded pork is complicated, to say the least. Farmers are constantly told by the popular press, extension specialists and extension economists that lean meat is what they should be producing. At the same time, some packers are telling you they prefer bigger, fatter hogs for convenience of handling or because total yield will be higher from them.

That may be so, but don't kid yourself into thinking that consumers don't have a say too. Their doctors and dieticians are constantly reminding them that eating less fat is healthier. This, in turn, leads them to buy leaner cuts of red meat or to substitute the red meat with chicken or fish. We can't afford to give up any more of our market share to the poultry and fish industries, but rest assured–if we do, they'll gladly take up the slack.

So, where's the incentive for you to produce leaner pork? Mainly in the cost of production.

It costs more to produce a pound of fat than a pound of lean, so raising hogs can increase the profitability of your operation. You can produce leaner hogs by selecting against fat. Backfat thickness is a highly heritable trait (.5) and rapid gains can be made by selecting leaner gilts and boars to remain in the herd, while culling fatter animals.

This works fine for farrow-to-finish operators. However, feeder pig producers don't get the benefits of reduced feed costs through the growing-finishing phase. The best way to encourage these producers to supply leaner animals is for growing-finishing operators to offer incentives based on the feed efficiency of the feeder pigs they buy.

To summarize, profitability is the only reason for a pork producer to raise leaner hogs. Grade and yield systems of marketing can provide this incentive if backfat is considered in the formula for payment, but ultimately the best incentive is reduced production costs. This is a benefit you may not be aware of, unless you've compared production costs.

National Pork Producers to hold PRV Symposium

PEORIA, Ill. – An industry-wide meeting to chart the course of the pseudorabies control and eradiction effort will be held at the Continental Regency Hotel in Peoria, Ill., on Jan. 20 and 21.

During Monday's session, experts will cover topics including diagnostic tests, vaccines and pilot PRV control projects across the nation. A keynote address concerning Britain's PRV eradiction effort will be delivered by Martin Looker, editor of Pig Farming magazine, at Monday's banquet.

Tuesday's session will include a jury panel composed of industry representatives. The panel will consider testimony from individuals and organizations, and will develop a recommended course of action basaed on these findings.

Those interested in attending the symposium should contact the Continental Regency Hotel at 309-674-2500.

Adams Extension to hold sheep meeting

GETTYSBURG – Contract sheep production will be the topic of discussion at the Adams County Extension office on January 7, at 7:30 p.m. Featured speakers will be Bill Reed, sales manager and Ford Hartman, serviceman, from Wolgemuth Bros. Inc. Feed Company of Mount Joy.

Wolgemuth Bros. in conjunction with Rocco Foods in Virginia are committed to increasing the sheep population in the Northeast. Wolgemuth hopes to double the ewe population in Pennsylvania to meet their projected goals.

This gives Pennsylvania Farmers an opportunity to diversify into another production area and another source of income. It would also mean better use of land that isn't suitable for row crops.

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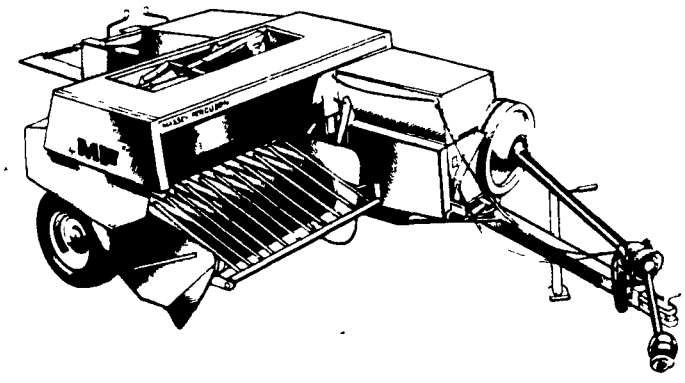

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Farm Talk

By Jerry Webb

Coping with changing times

Those farmers who succeed during the next few years will do so through their own efforts and not through any miracle the government will perform. Despite all the talk about a new farm bill and considering all the efforts being made to sell American farm products in the world market, it's still going to be up to individual farmers to solve their own problems.

The current economic squeeze many farmers find themselves in isn't totally new. Some variation of it has occurred many times over the last 50 years. Farmers who were around during the 1930s remember very well those hard times and what the government did to help. They probably also remember that despite the government's massive efforts, millions of farmers were displaced, hard times persisted throughout the 1930s and the problem got solved with the onset of World War II. There have been numerous other economic low spots in agriculture since then.

The prevailing feeling now is that this is the worst time for farmers since that bleak depression era. And yet some farmers are doing all right. Unquestionably, many farmers have failed and others are in dire economic straits. Yet others are at least modestly successful during this same period.

The hundreds of case studies of failed, failing and successful farmers that I've seen yield no simple cause or solution. There are no "10 rules" that can be applied to any situation to turn it around. There is no guaranteed formula for success. And you can be sure the government won't enact a farm bill that will make much difference.

That means it's up to farmers, individually and collectively, to work out their own problems in ways that are best for them. For some that does mean leaving the land, giving up a dream and finding another life and another way to make a living. That sounds extreme, but it is a reality.

Thousands have made that decision already, voluntarily or otherwise, and thousands more will follow. But plenty more farmers are in a strong enough economic position and are successful enough at what they do that they can continue through this bad time and into some better period somewhere in the future.

None of the predictors that I read even vaguely suggest a turnaround in agriculture any time soon. Overproduction in this country, problems in the world market, inflation, high interest rates, the value of the dollar– all of these are factors that will prevent the wild prosperity of the 1970s.

Many of the "young tigers" of the 70s are still trying to figure out what happened and are still searching for someone to take the blame. Some of them have matured during that process and are coping with the current situation. Plenty of them are no longer in farming.

That's not to say they were wrong. In fact, they were right for the time. But some didn't see the change or didn't see it soon enough.

There's no question that farming changed during the past decade. It went from boom or bust to overproduction. It went from a time when every available acre was needed to the burgeoning overproduction of today.

It went from a time when anyone who could acquire a little land and machinery could make some money to a time when only the very skillful are managing to get by. It went from a time when farmers were buying farm equipment they didn't really need just to keep from paying taxes to a time when they are selling equipment they do need just to stay in business. That's a big turnaround and it happened too quickly.

There are a few obvious conclusions when you analyze the situations of a lot of farmers, failing or otherwise, but a couple of points stand out in my mind as worth pondering.

The first is under-employment. Many of the farmers throughout the country who are in the worst shape are crops farmers who grow corn and soybeans and do nothing else. They've been counting on about 90 hard days of work to provide a full-time income, and that just isn't working. No matter how many acres of corn and soybeans a farmer tills, he's left with no more than two months in the spring when he does his planting and at most three months in the fall for harvest.

Subtracting rainy days and other interruptions, most of them are left with about 90 productive days for planting and harvest. So the size of their operation is then determined by the number of workers, the size of the equipment, and the amount of hustle they're willing to put into those 90 days.

Granted there are other days when farmers are busy, but if that "busyness" doesn't produce income, then it doesn't solve a financial problem. On the other hand, a dairyman who milks his own cows and grows his own feed is productive 365 days a year. He plants his corn and soybeans after he finishes milking and while he is baling hay, filling silo, rearing replacement stock, seeding alfalfa and otherwise maintaining a strong base for those milk cows.

His rate of pay may not be particularly high but his level of employment is almost overwhelming. Every day is a productive day because he produces something that's to be sold. Compare that to the crops farmer who has only a few days where he is actually producing something to be sold.

Unquestionably, the crops farmer is busy during other times of the year, but the very nature of what he does with today's technology means he must do it during a very limited time span. And that also means he's left with lots of unproductive days. When times are good that may not be a problem, but right now it could be the biggest problem.

One other observation. Farmers who are having hard times can't afford to pay other people to do things for them. That means they've either got to do it themselves, even if they don't want to, don't know how to or have never done it before. Or they've got to find someone who will do it for them without cost.

There are lots of free services around to help with things like management. And there's an old concept that's almost forgotten in today's agriculture–work swapping. Why can't two or more farmers get together and share their skills for mutual benefit?

A skilled mechanic could overhaul a tractor in return for custom harvesting or some other field work. A skilled carpenter could no doubt trade some time with a neighbor for some other desired service. The possibilities are limitless.

American agriculture was built on this interdependence and sharing of time, equipment and talent. It's time for a lot of farmers to get back to that tradition of sharing and concern.

EPA registers 'Vigilante'

Wayne, NJ – The Environmental Protection Agency has granted registration for Vigilante® insecticide in a controlled-release bolus for cattle.

The Vigilante bolus, manufactured by American Cyanamid Company, controls horn and face flies breeding in the manure of beef and dairy cattle for as long as five months. The insecticide also aids in the control of house and stable flies.

Vigilante, an efficient insecticide in an integrated pest management (IPM) program for cattle, effectively controls flies resistant to pyrethroids and organophosphates.

Treatment of cattle should begin at the onset of the target fly season or should conform to area recommendations. The insecticide is dispensed with a standard balling gun, and dosage is as follows:

For Cattle Weighing	Number of Boluses
300 to 550 lbs.	½
550 to 825 lbs.	1
825 to 1100 lbs.	1 ½
1100 lbs. or greater	2

The product should not be administered to cattle weighing less than 300 pounds, with a maxiumum dosage of 2 boluses for any animal weighing more than 1100 pounds.

Vigilante insecticide is available in packages of 12 boluses; each 50-gram bolus contains 4.75 grams of Diflubenzuron.

For further information, contact: American Cyanamid Company, Dept. V1209, Animal Nutrition and Health Department, One Cyanamid Plaza, Wayne, NJ 07470.

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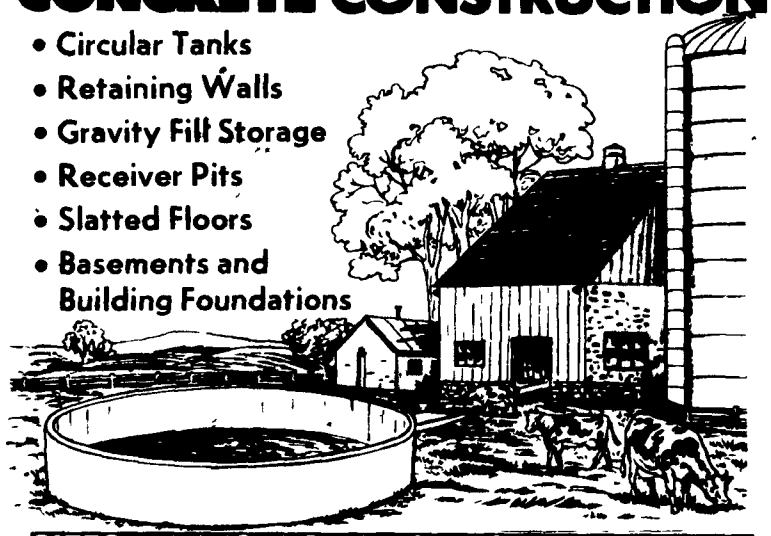

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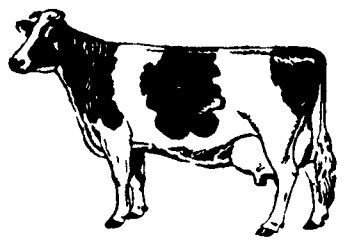

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- Post Partum Infections

Experts discuss concept of maximum yield

ATLANTA, GA – More than 200 crop consultants, industry and university agronomists, professional farm managers, agricultural economists and others recently participated in a special workshop on "Implementing Maximum Economic Yield (MEY) Systems." The program in St. Louis, Missouri, attracted individuals from 25 states, Canada, and Mexico.

The three-day meeting was designed as a working session in which participants analyzed actual farm situations, considered management alternatives that might increase profits, and developed hypothetical, composite plans. Computer programs aided in projecting the outcome of various plans.

The workshop was sponsored by the Potash & Phosphate Institute (PPI) and the Foundation for Agronomic Research (FAR). Dr. Harold F. Reetz, Jr., PPI South-central Director, served as coordinator.

"This workshop represents a major milestone in moving the maximum economic yield philsophy into action," emphasized Dr. R.E. Wagner, President of PPI and FAR. "We've gathered research information and experience with maximum yield research for more than five years. Now we're beginning to implement management systems that will help farmers make a profit by keeping unit cost of production low."

Format for the meeting included general sessions with presentations by specialists in various subject areas. Smaller group sessions allowed more time for discussion and strategy planning. Following are some key comments from speakers during the program.

• Dr. Steve Sonka, University of Illinois agricultural economist: "International economic trends and forecasts of future conditions mandate that farmers adapt their management systems to be profitable. The maximum economic yield approach is an appropriate part of the strategic management philosophy. It offers an important opportunity for producers to more effectively manage for the future."

• Dr. Robert G. Hoeft, University of Illinois agronomist: "A maximum economic yield system supplies nitrogen (N) to the corn plant in the correct form, at the time needed, and at the proper rate. Higher yields are possible only when good N management is combined with improvements in all phases of the production system."

• Dr. Dave Mengel, Purdue University agronomist: "Potassium (K) management in maximum economic yield systems requires some work. Soil testing is still the key, but we may want to look at more than the exchangeable K level of the plow layer. Cation exchange capacity (CEC) will provide insight into the mobility of K. Sampling deeper in the profile in low CEC soils will tell if K may be accumulating in areas other than the tillage zone."

• Mr. Don Griffith, Purdue University agronomist: "The tillage system can have a major effect on maximum economic yield. Both output (yield) and input (cost) factors in the net profit equation often change when farmers switch from conventional to very reduce tillage systems such as no-till or ridge plant."

• Mr. Marty Thornton, Vice President and Senior Farm Manager, Peoples Bank of Bloomington, Bloomington, Illinois: "While the 'cutback' approach to farm management has received much attention, lenders and farm managers must look closely at cash flow and return on investment. Managing for maximum economic yield encourages the positive interaction of inputs which can increase the cash generated from a farm."

• Dr. Fred Welch, University of Illinois agronomist: "There will always be risks in crop production, but the grower can reduce some risks through management. The immobile nature of P and K allows them to be built-up in soils by additionof fertilizer. The risk of these nutrients limiting crop yields (and profits) can be reduced to a low level."

• Mr. Waddy Garrett, Alliance Agronomics, Mechanicsville, Virginia: "A fertilizer/chemical dealer faces three major challenges in putting intensive farm management into practice. First, he must identify the requirements for a successful program. Second, he must have the proper resources to implement the program. Third, the value of the program must be established with farmer-customers."

• Mr. Ron Olson, Top-Soil Testing Service, Frankfort, Illinois: "Integration is the key to making maximum economic yield systems work. That means following a definite plan to bring together the many components of crop production. This process is as unique as each individual farm is unique. It takes desire and effort on the part of the farmer and those working with him to implement maximum economic yield management."

Ridomil cleared for bearing apple trees

GREENSBORO, N.C. – The systemic fungicide Ridomil has received a federal label for use on bearing apple trees to prevent and treat crown (collar) rot. Previously, Ridomil was labeled for use on young trees in nurseries and in field plantings that would not bear harvestable fruit within 12 months of application.

"If I had an orchard, and suspected there was collar rot present, I would consider drenching affected trees or problem areas with Ridomil," says Dr. Mike Ellis, associate professor of plant pathology at the Ohio Agricultural Research Center in Wooster, Ohio

But Ridomil should be one component in a total management program that includes good site and root stock selection, Ellis says. "Ridomil is one part of a good disease prevention effort. It should never replace site and stock selection."

Recent research indicates Phytophthora–the pathogen that causes crown (collar) rot–may be present in every orchard, Ellis points out. "Indeed, the potential exists in most orchards throughout the United States for crown rot problems."

Apple trees appear to be most susceptible to crown (collar) rot at flowering–when they're between four and six years of age, Ellis says. "The first symptom you'd probably notice is a lack of vigor. Other sympotoms include little or no terminal growth, smaller fruit, and chlorosis, or yellowing of the leaves. In the fall, there's a definite bronzing of the leaves in affected trees."

Crown rot can cause a general decline of the tree for years, or it can kill rather quickly, Ellis says. "But when symptoms first appear, you should treat the tree as soon as possible."

The grower only has two options when it comes to dealing with crown rot infection; try treating the tree or let it die, Ellis says. "There is no other practical choice that I am aware of."

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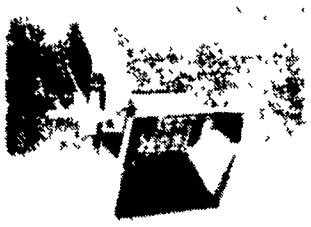

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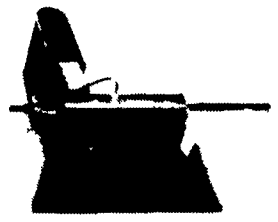

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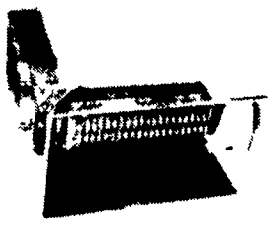

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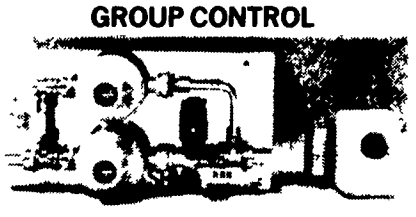

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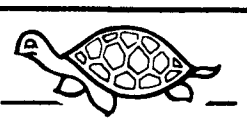

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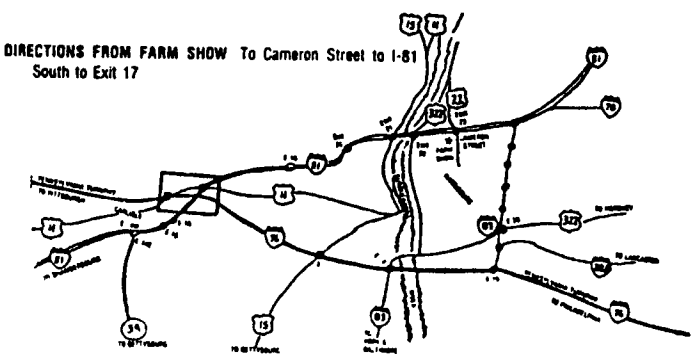

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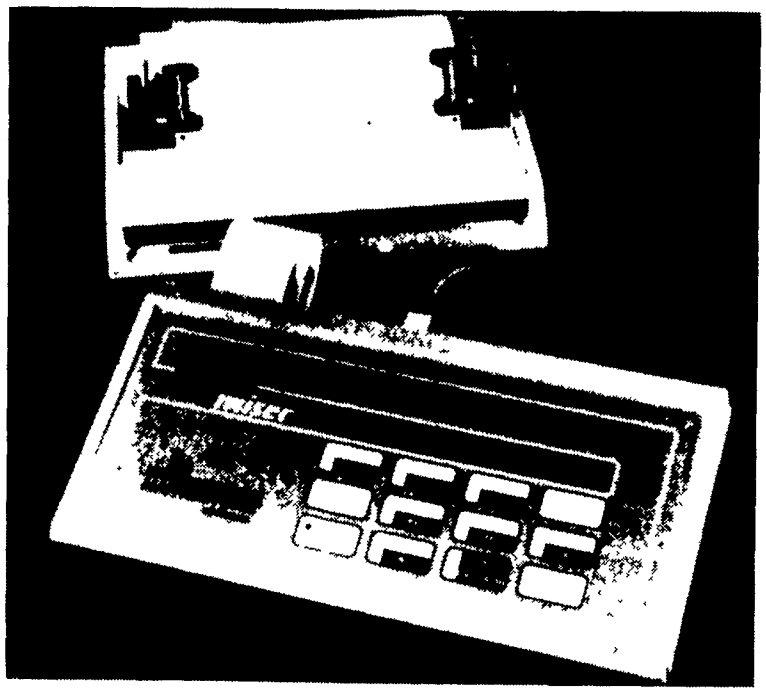

An optional cow calendar feature is now available for the model 650 computer feeder from A. O. Smith Harvestore Products, Inc. The feature allows the feeder's control module to link to a standard computer printer, and to keep daily records on breeding and calving dates and other herd management information.

A.O. Smith creates 'cow calendar'

BARRINGTON, IL – A new "cow calendar" record-keeping option is now available for the model 650 OptiMiser™ computer feeder from A. O. Smith Harvestore Products, Inc. The feature allows dairymen to use the computer feeder's microprocessor to keep track of information such as breeding and calving dates.

The cow calendar system can handle records for up to 250 cows. The software allows the computer feeder's control unit to link with standard 80-column printers. Data is entered through the control unit's keyboard.

The system can be programmed to automatically print desired reports at specified times, or on demand. A total of five different "action lists" and six "condition lists" are available.

Action lists alert the operator to due dates that may require specific action. These include listings of cows due in first heat; cows due in heat that have been bred and are not pregnant; cows due to calve; cows due to dry; and cows due for pregnancy check.

Condition lists are used to track the status of each cow in the herd. The entries may be broken down into these listings: fresh cows; cows not to be bred (slated for culling); bred cows; confirmed pregnant cows; dry cows; and cows 60 or more days fresh and showing no heat.

The feeder control unit has a standard RS-232 serial port to link with serial port printers. If desired, the unit can be converted later to a standard model 650 computer feeder, which has software to interface with personal and small business computers.

"The cow calendar option offers a choice for the dairyman who wants computer feeding and the convenience of electronic record-keeping, but isn't ready to invest in a full-scale farm computer system," noted Don Landphair, Harvestore Systems product manager

DuPont ag exec. to retire

WILMINGTON, DE – W. Bass Watkins, vice president in the Du Pont Company's Agricultural Products Department, has elected to retire on Dec. 31 after 36 years of service.

William F. Kirk, a director in the Employee Relations Department, has been promoted to general director - agricultural products, effective immediately, and will assume Mr. Watkins' responsibilities.

Mr. Watkins, 59, joined Du Pont in 1949 as an engineer at the Spruance plant in Richmond. He was involved in the company's plastics business more than 20 years, principally in marketing and management assignments. He was appointed assistant general manager of the Energy and Materials Department in 1977 and became general manager a year later.

In 1979, he was transferred to the International Department in Geneva, Switzerland, as general marketing director for Europe, the Middle East and Africa and chairman of Du Pont de Nemours International, S.A., a wholly owned subsidiary.

He was appointed general managing director for Asia Pacific and Latin America in January 1983, became vice president - international 10 months later, and assumed his present position in 1984.

Kirk, 43, joined Du Pont in 1964 and held a variety of sales, product development, manufacturing and marketing managerial positions the next 17 years, including marketing manager - agrichemicals for Europe, Mideast and Africa, based in Geneva, general marketing manager for the development of new agrichemicals, and director of marketing.

He was transferred to the Polymer Products Department in 1981 as director of the Industrial Films Division, became director of business planning in the Corporate Plans Department om 1984, and assumed his current assignment a year later.

New Idea develops new self-propelled harvesters

COLDWATER, OH – The latest in self-propelled harvesting units is currently being introduced by New Idea Farm Equipment Division.

"The 800 "C" Series Power Units are coming off the line with the bold new look of New Idea," says Mr. Tom Kinzenbaw, Vice President, Marketing of New Idea. "But, more importantly, they are coming off the line with the features and the price that makes self-propelled harvesting affordable."

"With the 800 "C" Series Power Units, New Idea Forage Harvesters, Huskers and Combines can be built to meet customer specifications, which in turn, fits the customer's budget in more realistic terms.

The customer doesn't need to sacrifice quality to stay within his budget because the features on all New Idea Self-Propelled Harvesters provide top harvesting performance."

The "C" Series Power Units feature a Cummins turbocharged diesel engine, available in 152, 177 or 234 horsepower. The New Idea 839 Husker, long known as the top performer in ear corn harvesting, features 16 husking rolls that remove husks with a gentle, positive action.

A self-propelled corn harvester from New Idea Farm Equipment Divison.

The 868 Forage Harvester is constructed with a high capacity 36-inch diameter blower and a cutterhead design that reduces power requirements. The New Idea Self-Propelled Harvesting line also includes the 819 Combine for smooth threshing performance. The concave construction on the 819 is a massive rod and 15 bar assembly with a large, 1,085 square inch separating area.

All Self-Propelled Harvesting models feature low profile corn heads in four- and six-row wide or narrow capacities and 13-, 15-, or 20-feet wide grain platforms.

A new four-row narrow row crop head and a new low profile hay pickup are now available for the 868 Forage Harvester along with an ear corn head adapter for adapting a 4 or 6 row corn head to field grind ear corn.

For more information, contact: Konnie Rutschilling, Advertising Administrator, (419) 678-5251.

Dow advises winter pruning

MOORESTOWN, NJ – Although winter brings a halt to most farming operations, apple growers across Pennsylvania and the Mid-Atlantic states will be busy over the next few months pruning their orchards.

Tree trimming is typically done from December through April to remove branches that bear poor quality fruit, to allow better penetration of sunlight during the growing season and to help maintain desired tree height and shape.

"In addition to being a key cultural practice, proper pruning also plays an important role in orchard pest control," says Don Baldwin, Dow Chemical regional technical service and development specialist for Lorsban Insecticides. "Well pruned trees are much easier to spray with airblast sprayers, especially in the summer months when the leaves are fully grown."

Dr. George Greene, Associate Professor of Pomology at the Pennsylvania State University Fruit Research Laboratory in Biglerville, Pennsylvania agrees that well pruned trees can make a difference in controlling orchard pests.

"Growers tend to prune trees mainly to improve bud vigor and enhance fruit color, but they should also consider the benefits of pruning in terms of easier penetration of pesticide sprays," Greene says. "Many of the trees we have in Pennsylvania and other eastern states are large standard trees with an umbrella type canopy. Pruning is especially important with these trees because the canopy forms a wall which blocks both light and sprays."

Greene adds that growers should keep two main points in mind when pruning try to develop "windows" or open layers in the trees and work to establish a balance of vigor in the tree

"It's a good idea to leave some free space or windows in the tree for light penetration and pesticide spray distribution," he says. "Two recommended designs are to develop vertical pie-shaped openings around the axis of the tree, or else to trim and train the scaffold limbs so as to form layers up and down the tree.

"To achieve well balanced vigor across the tree you should prune so that you're left with a uniform distribution of fruiting wood as well as younger more vigorous wood," he adds.

When training younger trees, Greene also advises growers to develop a strong central leader with lateral limbs at about a 70-degree angle to help achieve the desired balanced vigor.

ABS wins export award

DEFOREST, WI – American Breeders Service (ABS), a division of W. R. Grace & Company, has been awarded the Wisconsin Governor's Export Achievement Award.

Gov. Anthony Earl presented the award to ABS President Dr. Robert E. Walton at a special ceremony during the international Trade and Procurement Conference held in Milwaukee recently.

One in every twelve jobs in Wisconsin depends upon the export of products from the state, and the Export Achievement Awards were created to recognize export expansion efforts made by Wisconsin firms. ABS exports in each of the past five years have created employment for over 200 people in the U.S.

The International Divison of ABS was formed in 1960 marking the firm's long-term commitment to the development of export markets. Each year the firm hosts over 1,000 internatinal customers, trade missions, and government officials wanting to learn more about their product and services at their headquarters in DeForest, Wisconsin.

ABS President R. E. Walton, right, receives the Export Award from Governor Anthony Earl.

Grube attends sales meeting

LITITZ – Area Manager Ken Grube recently attended Agri-King's national sales meeting. The two day training seminar for Area, Regional and Divisional Managers of Pennsylvania, New York, Ohio, Maryland and Virginia was held in Somerset, PA.

The program featured Karl Kettering, noted motivational speaker of Lancaster, PA.

Elanco names ag 'Spokespersons'

The 1986 National Young Farmer Spokespersons for Agriculture are (left to right) Rick Furth, Ohio; Patricia Mueller, Nebraska; and Floyd Beard, Colorado. The three spokespersons will travel to Denver, Portland and Los Angeles to discuss agricultural issues with urban consumers.

INDIANAPOLIS, IN – Agriculture once again has three outstanding farmers who will represent the industry and carry the farm message to urban consumers. The 1986 Young Farmer Spokespersons for Agriculture selected here recently are: Floyd Beard, a stocker cattle rancher from Colorado, Rick Fruth, a grain farmer from Ohio and Patricia Mueller, a cattle and crop farmer from Nebraska.

Spokesperson candidates from 15 states competed for the honor at the National Young Farmer Educational Institute. The competition in its eleventh year, sponsored by Elanco Products Company, a division of Eli Lilly and Company, encourages young farmers, ages 18 to 40, to develop articulate responses to agricultural topics concerning non-farm consumers.

Established in 1975, the Spokesperson program was designed to create better understanding between urban consumers and farmers. Since its beginning, 33 spokespersons have visited 43 cities reaching an estimated 82 million consumers. The 1986 spokespersons will travel to Denver, Portland and Los Angeles, the last week of January, addressing media, consumers and consumer leaders on agricultural issues.

Winners were selected on the basis of their ability to represent farmers on agricultural issues of consumer concern. Entrants give five-minute statements concerning one of four topics: How to get the most from your food dollars; Farm exports benefit urban consumers; Fertilizers, chemicals and feed additives are important to insure adequate supplies of safe, high quality food; and Stewardship of the land: How farmers are managing our greatest natural resources.

Scoring was based on the five-minute presentation and a question and answer period dealing with major ag/consumer issues.

Each year judges are selected to represent points of view of the farmer, agricultural communicator and consumer. This year's judges were: Sam Washburn, a farmer and president of Ag Exchange; Paul Queck, editor of Indiana Prairie Farmer; and Carolyn Mutz, an educational psychologist and author of the Indiana Agricultural Food and Nutrition Organization.

The national Young Farmer Spokespersons for Agriculture is one of several ongoing programs sponsored by Elanco to support farming.

'Cimarron' among forage 'Superbowl' winners

YORK – The alfalfa variety Cimarron proved to be a big winner at the first forage analysis superbowl held at the World Dairy Expo in Madison, Wis., during fall, 1984.

Over 100 varieties were represented with from one to 40 entrants. Cimarron placed third in the hay division and fifth in the haylage division.

Developer of Cimarron, Dr. Thad H. Busbice, president and research geneticist, Great Plains Research Co. Inc., points out that the primary emphasis of the contest was to distinguish those forages which have the best quality from a protein analysis and feed quality standpoint. Sixty-five percent of the judging was on N.I.R. lab analysis, where Cimarron placed first amount the entrants.

Great Plains Research is a basic seed and alfalfa variety breeding company located in Stillwater, Oklahoma. Cimarron is distributed in the northeast by Seedway, Inc.

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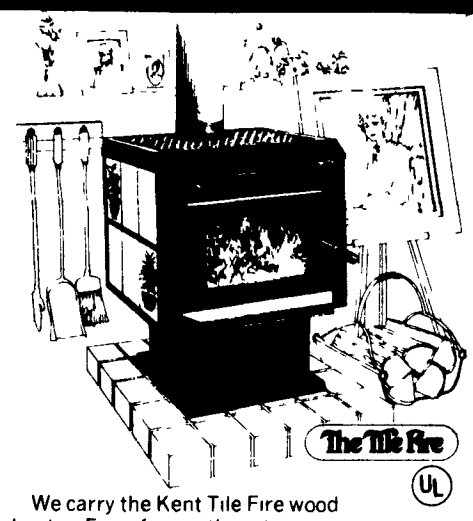

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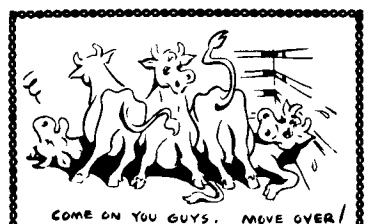

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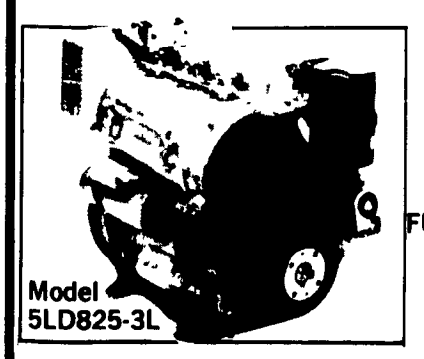

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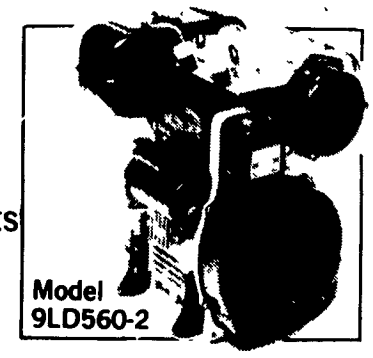

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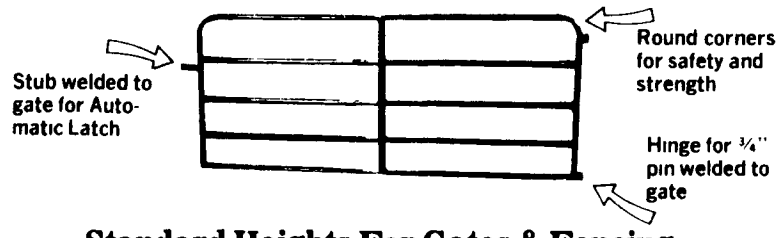

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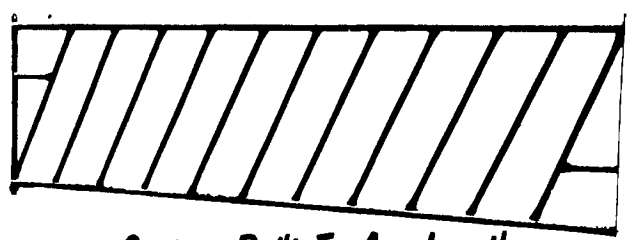

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Union Carbide markets three new products

TRIANGLE PARK, NC – For 1986, Union Carbide Agricultural Products Company, Inc. announces the nationwide availability of three products, LARVIN® brand thiodicarb insecticide (except California), CERONE® brand plant regulator and SEVIN® brand XLR PLUS carbaryl insecticide.

CERONE brand plant regulator and SEVIN brand XLR PLUS carbaryl insecticide were available in a limited number of states in 1985 while LARVIN brand thiodicarb insecticide received EPA approval at the close of last year's use season.

LARVIN brand thiodicarb, recently approved for use on cotton and soybeans, is a highly effective residual foliar carbamate insecticide that has produced outstanding control of important Lepidoptera (worm) and Coleoptera (beetle) pests. LARVIN is particularly effective against armyworms including the hard to control beet and fall armyworm. LARVIN brand also has excellent ovicidal action against Heliothis sp. eggs.

Since thiodicarb is in a different chemical class, LARVIN will play an important role as an effective alternative product to synthetic pyrethroid and phosphate insecticides for resistance management. Being selective in activity, LARVIN brand has minimal adverse impact on many important beneficial populations, including pollinators, parasites, and predators.

LARVIN brand is labeled for control of armyworms (beet, fall, southern, yellowstriped, and others), cotton bollworm, tobacco budworm, corn earworm, podworms, soybean looper, cabbage looper, cotton leaf-perforator, cotton leafworm, pink bollworm, cutworms, green cloverworm, velvetbean caterpillar, Mexican bean beetle, bean leaf beetle and European corn borer. LARVIN brand also has suggestion activity on Boll weevil, stinkbugs, plant bugs, fleahopper and the three-cornered alfalfa hopper.

LARVIN brand thiodocarb insecticide is physically compatible with a wide range of commonly used spray products, but the full range of compatabilities under local conditions is not known. Check the label for further details and information.

Following a successful use season on wheat and barley in certain sections of the U.S., CERONE brand ethephon plant regulator is now available for use on wheat and barley in all states. An anti-lodging agent, ethephon breaks down within the plant to form the naturally occurring hormone, ethylene.

Applied at the proper stage of growth, CERONE brand shortens and strengthens the individual wheat and barley stalks which results in better standability. Therefore, fertilizer applications can be increased without the danger of lodging.

One of the most broadly registered insecticides currently in use, SEVIN brand XLR PLUS carbaryl insecticide is approved for application in 125 crops for control of 565 pests. Given the opportunity to adequately dry on leaf surfaces, SEVIN brand XLR PLUS offers improved wash-off resistance and improved foliar coverage. This new formulation can be used with a wide variety of spray volumes through ground or aerial application equipment.

Extensive testing has shown this formulation to provide residual performance up to two weeks on many crops at dilutions as high as 1:39 (SEVIN brand XLR PLUS: water). And, for the first time ground applicators can expect protection from wash-off at applied volumes up to 10 gallons per acre.

EPA clearance has been obtained for use of AMIBEN® brand chloramben herbicide in two new three-day tankmixes on soybeans. Approval for the use of AMIBEN brand in tank mixtures with either Lasso or Dual and Lorox provide powerful new options for control of black nightshade.

These newly-labeled tankmixes also provide superior broad spectrum weed control in no-till situations when mixed with a burndown herbicide such as Roundup or Paraquat and X-77 spreader.

ME4 BROMINAL® brand bromoxynil herbicide is now cleared for use on popcorn in addition to its approved uses for post-emergence broadleaf weed control in corn and sorghum. The product is ideal for an early, planned program of post-emergence broadleaf weed control without fear of carryover, crop injury or vapor drift.

A new corn and sorghum label which will permit a lower rate of atrazine (0.5 to 1.0 lb. ai/A) to be used with ME4 BROMINAL and a label text addition designed to provide greater detail on proper equipment set up, specific weed size and use rate tables are also awaiting EPA approval.

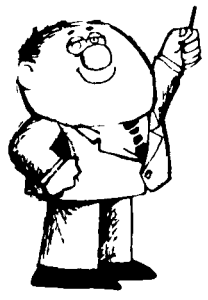
Pending official EPA acceptance, the tankmix of dinoseb and ME4 BROMINAL brand bromoxynil herbicide will be added to the small grains section of the label for excellent control of seedling chickweed and other problem broadleaf weeds.

BROOT® 15GX trimethacarb corn soil insecticide can now be applied at cultivation for control of corn rootworm larvae. EPA has also approved the application of BROOT brand for rootworm control under no-till conditions in a six-to-eight inch band ahead of the press wheel at planting without the requirement for additional incorporation.

A foliar spray of PREP™ brand plant regulator will accelerate opening of mature unopened cottom bolls and enhance defoliation which can result in earlier harvest with the potential of an increased recoverable yield. PREP brand treatment allows increased efficiency from a once-over harvest.

In response to grower needs, PREP brand plant regulator for cotton will be available for 1986 in a new, more concentrated six pound/ai per acre formulation.

"Union Carbide's agricultural products continue to be on the cutting edge of new production technology. The significant role of TEMIK® brand aldicarb pesticide in promoting the concept of early season insect control in cotton is one example. And without CERONE brand plant regulator for lodging control, the successful practice of Intensive Cereal Management would be seriously hampered, if not impossible," explains John Kirch, Vice President of Sale and Technical Services for Union Carbide Agricultural Products Company, Inc. "Farmers are looking for more systematic ways to produce a crop cost-effectively. Our product research, as evidenced by our product portfolio, is continually focused on helping the farmer achieve those goals."



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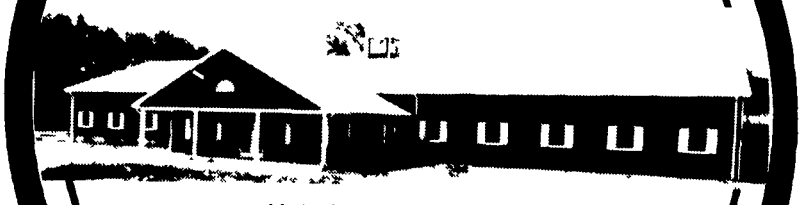

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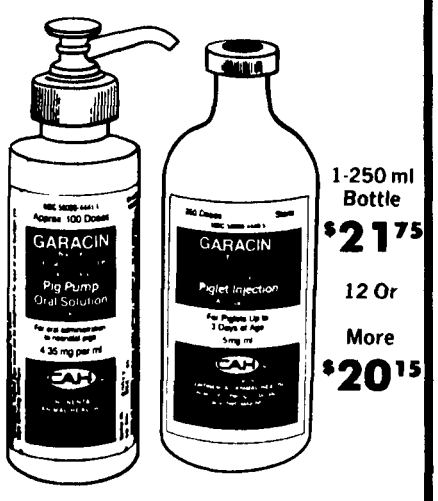

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A6611	115	39	Pioneer 3358	+6 Bu.
A6615	115	45	Pioneer 3358	+7.2 Bu.
A6615	115	31	Dekalb 1100	+6.8 Bu.
A6630	115	24	Dekalb 1100	+5.9 Bu.
A6630	115	42	Pioneer 3358	+4.5 Bu.
A6655	116	46	Pioneer 3358	+7.7 Bu.
A6655	116	40	Dekalb 1100	+13.5 Bu.
A6655	116	28	Dekalb 656	+12 Bu.
A6655	116	32	Funks 4522	+9.9 Bu.
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Cornell task force aids farmers under stress

ITHACA, NY — To ease the economic and emotional stress that so many farmers are experiencing these days, a Cornell University task force has channeled its skills to compile a comprehensive set of resources for Cornell Cooperative Extension staff working with farm families in stress.

Although the number of farmers has declined gradually over the past 50 years, there is a new phenomenon: many farmers are being forced out of business in a very short time for reasons beyond their control. These factors include high interest rates, unfavorable international exchange rates, burgeoning agricultural productivity, and little growth in demand for farm products.

The result: up to 7,200 farms in New York State alone may be expected to go under during the next four years, according to Jane McGonigal of the Cornell Task Force on Farm Families Facing Financial Stress. McGonigal, the home economics program leader for Cornell Cooperative Extension, co-chairs the task force with John Brake, professor of agricultural economics at Cornell.

Although the statistics regarding the economic status of farm families are sobering, it must be remembered that behind every number is a family encountering major changes in its lifestyle, expectations, and economic and emotional well-being. Children who always assumed that they would grow up to work on the family farm must now consider alternatives. Some farm parents are reacting to the gravity of the situation by denying it, refusing to talk about it, feeling responsible for the changes, or turning to substance abuse or depression, or both.

To identify people and agency resources; printed, visual, and audio materials; and inservice education and training programs that would be useful to New York State farm families at risk, the task force was established this past spring. The group, a joint effort of the Cornell faculty, Cornell Cooperative Extension staff, and farm associations, also issued a set of recommendations that pointed to additional ways to identify and support families that are confronting major changes in their way of life.

Already, the wheels are in motion. To focus on job training, for example, a panel of Cornell experts made a presentation to employment and training staff statewide to inform them of the problems specific to farm families. A video tape was made of the panel presentation that highlights the sociological and economic dimensions of the problem both statewide and nationally.

In addition, a fact sheet being compiled will list government employment services that could help alleviate the plight of dislocated farmers and their families. Employment experts are working together to make policy recommendations that would clarify employment training services that farmers may access.

The first county task force in the state has been established in Yates County. Consisting of professionals from many fields, the group is working to pool its skills and resources. Its purpose is to help train community professionals to deal with the changing situation of farmers and its impact on the local community and farm families, to home communication skills among all those involved, and to make services and programs readily available to those families that could benefit from them.

"This task force in Yates County will serve as a model for other counties which will establish their own grass roots efforts to help farm families," McGonigal explains.

By pooling the skills and resources of faculty and other professionals at Cornell and within Cornell Cooperative Extension, from farm business management to communication skills specialists, materials already have been pulled together. Some are from other states while others have been and are being developed by Cornell faculty, staff, or extension personnel.

A major in-service workshop is under way to educate and train Cooperative Extension agents about the options and resources available to farm families. A major focus of this effort is to encourage and promote communication skills with and among farm families.

"Our efforts are to strengthen the skills and resources that already exist in these families," McGonigal points out. "We're trying to pull together and make available all the resources and services that may help these families make critical decisions regarding whether they will leave farming or stay in farming, but perhaps in a different way."

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The team members, all from Chester County, appreciate your support!

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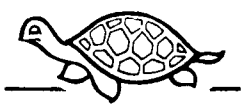

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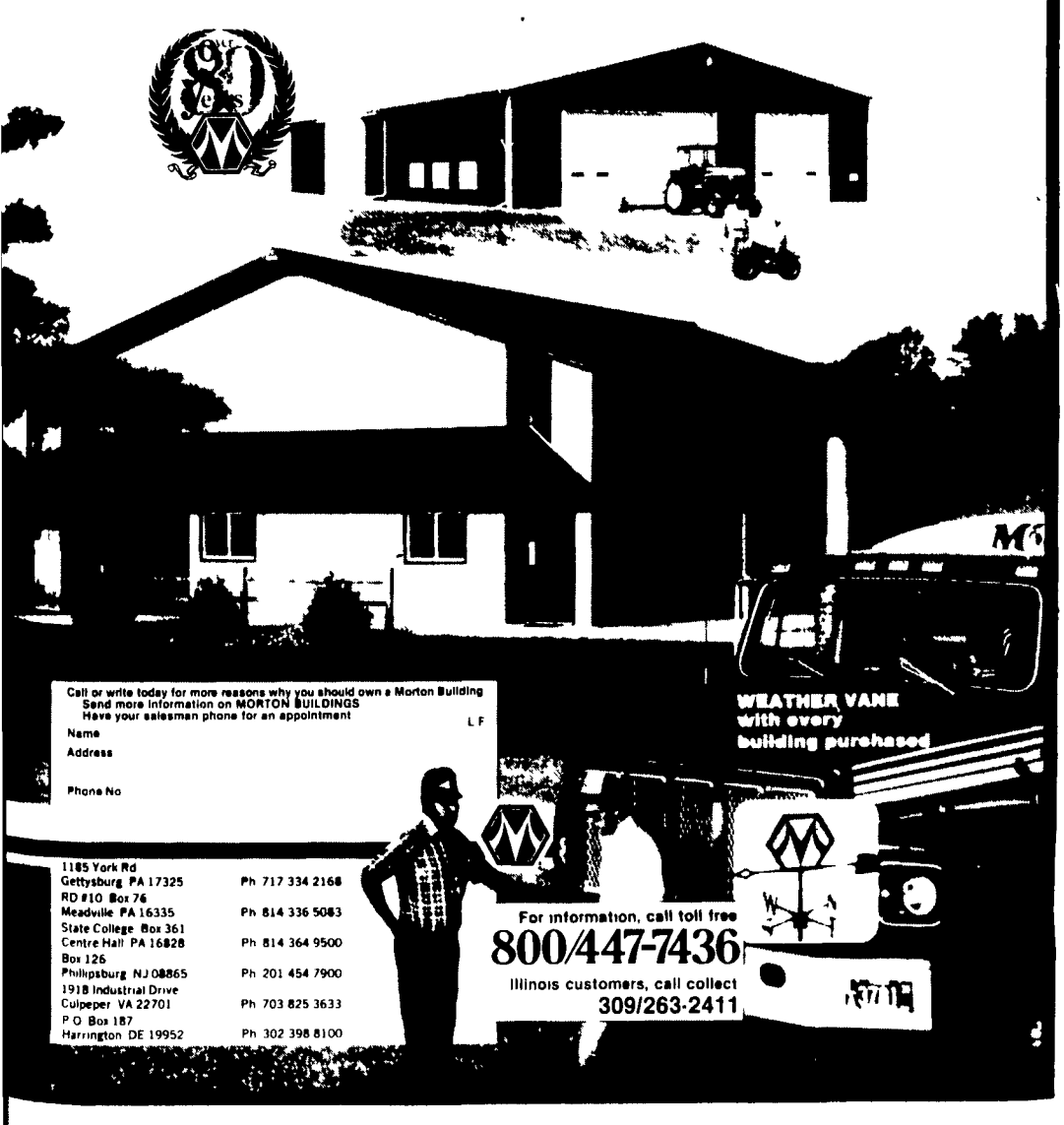

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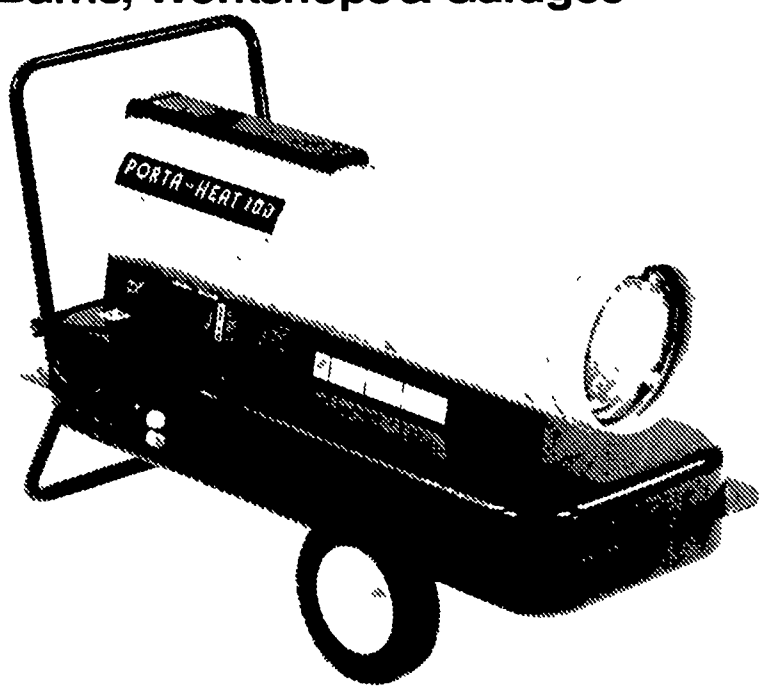

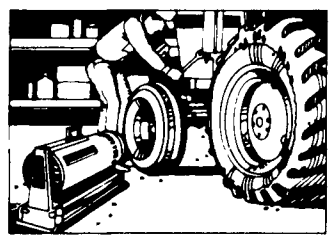

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Controlling nitrogen loss

CHICAGO, IL — Nitrate levels in groundwater were reduced about one-third when nitrogen fertilizer was treated with nytrapyrin, a bacterial growth inhibitor, Lloyd B. Ownes told the American Society of Agronomy here today.

The action of soil bacteria on nitrogen changes ammonium to nitrate, which leaches readily through the soil into groundwater. High levels of nitrate in drinking water are considered an objectionable pollutant, Owens said.

By slowing down its release as nitrate with a nitrapyrin-treatment, fertilizer nitrogen stays in the root zone longer where crops can take it up and thus leaves less to be leached to groundwater.

Owens, soil scientist with USDA's Agricultural Research Service, North Appalachian Experimental Watershed Research Station, Coshocton, Ohio, fertilized soils, planted to corn, in two 8-foot deep lysimeters (natural soil blocks) with nitrapyrin treated- and untreated-urea fertilizer at rates of 300 pounds of nitrogen per acre.

AVerage annual loss of nitrogen through leaching was 104 pounds per acre for the treated fertilizer compared with 143 pounds per acre for the untreated fertilizer.

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7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
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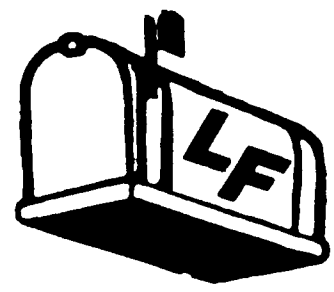

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FOR SALE: JD 40 combine, 10' head, hillside attach., square back; JD 50 tractor. J.R. TOBIAS, RD4, Box 156, Halifax, PA 17032. Phone 717-362-9126 between 8 & 9PM.

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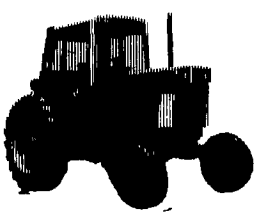

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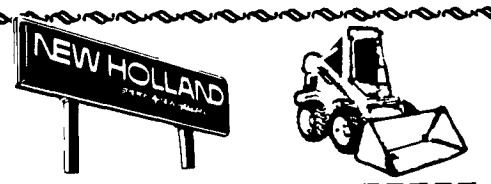

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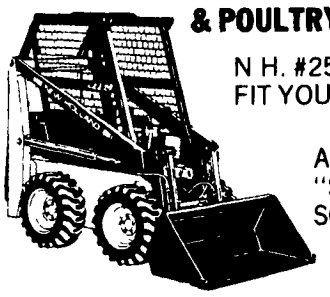

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717/535-5684
Chevrolet Small Block Engine Rebuilt Kits, Rings, Rod Bearings, and Main Bearings With Full Gasket Set $89 90 Cam Kit, Cam Lifters & Bearings $99 95
Other Kits Available At Comparable Prices
Perfect Circle, M&W, TRW, and Sealed Power Tractor Industrial Kits Available
Full Engine Machine Shop Service and Rebuilding Available

POWER TAKE-OFF GENERATORS
- New 40 KUA Brushless on Trailer, w/Shaft
$3,150
- Reconditioned 25 KUA Brushless on Trailer, w/Shaft
$1,695

MARTIN ELECTRIC PLANTS
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Hanover, Penna.
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Special Price On Spreaders
NH 329 NH 679
NH 520

Special WBD Winter Buyer Program
NH 320 Baler
NH 479 Haybine
NH 782 Harvester

White 256 Disc
White 5100 Planter
OMC 342 Skid Loader
15 H.P. Dsl. Bolens, Tractors
On Sale

WANTED
Late model MF 750-760 combine, very good shape, no rust. Will consider JD.
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WANTED
Used Irrigation Pipe & Pumps
Send your Inventory and Price To:
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4021 N. 6th St.
Harrisburg, PA 17110
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TRACTORS REBUILT
Wisconsin and Perkins
Gas or Diesel
DYNAMOMETER TESTING
Briggs & Stratton Sales & Service
Glick's Engine
105 Horseshoe Road
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JD 630 Tractor, factory wide front, excellent condition,
$3,500
or Best Offer
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RISSLER FORAGE MIXERS
5 Sizes Up To 230 Cu. Ft. Capacity
- Fast 2-3 Minute Mix Time
- Low Power Requirements
- Beam Or Dial Scales

Buy Direct & Save
We're In Business For The Farmer
I.H. RISSLER MFG. CO
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Steiger Bearcat, 200+ h.p. Cat., dual wheels, low hrs. $13,500. w/warranty
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or
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evenings

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Build your own carts Kit includes all metal hardware bolts, wheels and instructions Not plywood All prices are post paid in U S A Penna non-farm use add 6% sales tax

Big No 26 cart kit	$87.00
One set 26 wheels	$48.50
Med No 20 cart kit	$75.00
One set 20 wheels	$43.00

Also Available With Removable Fronts For $5 00 More

Send Check w/Order to
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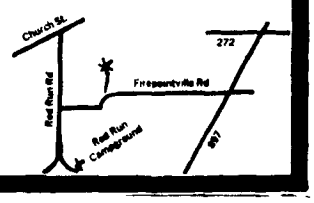
Box 335 RD #2
Fivepointville Rd
Stevens, Pa 17578
(215) 445-5090

Medium No 20 Cart Completed $95.00
Big No 26 Cart Completed $122.00
At Our Location



TRACTORS
Ford 555 LBH, Cab
Ford 9000 Cab & Duals
Ford 8600 w/Canapy
Ford 8000 w/Cab
Ford 4500 w/Loader
Ford 4400 w/Loader
Ford 3400 w/loader
Ford 6700 w/canopy
Ford 4200 10SP
Ford 335 w/Loader
Ford 3600 D.
Ford 3910 w/200 hrs.
Ford 3000 8 speed
Ford 2600 w/Loader
Ford 2110 LCG
Ford 2000 G, 4 SP
Ford 1000, Turf Tires
Ford 901 10 speed
Ford 801 LBH
Ford 801, Live PTO
Ford 801 w/Loader
Ford 800 w/Post Driver
Ford 601 w/Blades
Ford 8N w/Loader
Mitsubishi 210, PS
Satoh w/Mower
Satoh Elk
AC D15 3 pt.
AC CA w/equip.
IH 666 D., WFE
IH 504, 3 pt.
IH SH w/loader
IH Cub w/Mower
Case 580 Loader & Hoe
Case 830
JD 3020 D., NFE
JD 3010 D., NFE
JD 2840 w/Cab
JD 2240 w/Canopy
JD 60 PS, LPTO
MF 175 D 8 speed
MF 150 G, PS
MF 135 w/loader
Oliver S 55 3 pt.
JD 3300 Combine

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Quakertown, PA 18951
215-536-4046

USED EQUIPMENT

TRACTORS
Oliver 1755 Diesel w/Cab
Oliver 550
White 2-150 w/Cab

SKID LOADER
NH L35
Bobcat 371 w/2 Buckets

FORAGE
NH 770 Harv. w/2 Heads
NH 880 Harv. w/2 Heads

HAY TOOLS
NH 315 Baler w/Thrower
NH 469 Haybine
NH 479 Haybine
JD 1209 Haybine
Owatanna 217 Haybine 9 Ft.

SPREADERS
NI 214 Spreader, 2 Beater w/Hyd Endgate

PLANTING & TILLAGE
Brillion 14' Transport Harrow
IHC 400 4-Row, No Til
Case 7' Soil Controller
Oliver Superior No. 26 Grain Drill

PICKERS
NI 323 Picker
NI 324, 12 Roll Bed

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EZ Flo 220W Gravity Box
$575
Kasten 560 Blower w/56" Fan
$1,895

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Deutz D6006 12F/4R transmission dual speed PTO 2000 hrs
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DX7 10 145 h p cab powermatic transmission
DX6 50 120 h p cab powermatic transmission
DX6 50A 120 h p cab powermatic transmission 4WD
D3607 Deutz 33 h p w 4 post safety frame
DX 6 30 Deutz 111 h p w 4 post safety frame
Deutz Fahr KH 500 17 rotary hay maker tedder
Deutz Fahr SM40CR disc mower conditioner
Deutz Fahr KS85 rotary rake
Deutz DX3 30 51 h p
Deutz DX 3 70A 65 h p All wheel drive
DT 5830 Landini Tractor 42 pto h p 4 WD
DT 8830 Landini Tractor 68 pto h p 4 WD
Custom built diesel Gen Sets made to order
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FOR SALE
Oliver 77
MF 285
MF 180
IH 574 D
JD 212 w/mower
MF 1135 w/duals, cab & air
IH 12' Vibra Shank
JD frontend weights
Gehl 115 mixer mill
NH 489 haybine

L & M BURKHOLDER
Ephrata, PA
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NH 791 Spreader 4 Yrs. Old, Very Nice
358 Grinder Mixer New, Cash Price $8,500
NH 78 Baler, Works Good $595
315 Baler w/#70 Thrower, Real Good
NH 315 Baler No Thrower, Real Good
NH 320 Baler Good Shape No Thrower
New 12T Tandem Zimmerman Wagon $1,095
Int. 2 Wheel Rake
640 JD Rake

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TW5 105 PT HP
7710 86 PTO HP
4610 FWD 52 PTO HP
3910 42 PTO HP
1910 28.5 PTO HP
1210 16 gross HP

Farmhand Hawk Bilt 217 Manure Spreader

Ford 240 Transport Disc 10'3" Cut

Specials on Ford 930 Rear Mount Mowers And AMCO 17 Series Disks Call For Prices

Myers Forage Boxes

300 & 500 Gal. Century Spreaders Available For Immediate Delivery

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710 Combine For NI Uni System

Hawk Bilt Spreader 2155 Completely Rebuilt

Ford 5000 Light Use Good Condition

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For Manure Storage And Fertilizer Storage

Size Available: 6,000 Gal.
$720 ea.

Tanks have been tested for leakage

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TW 30 Cab Duals, 2300 Hrs.
Ford 7700, 2WD w/cab
TW 15 w/cab
Ford 7700, 4WD, Less Cab
Ford 5610 Cab
Ford 356 Less Cab
Ford 4610
Int. 656
JD 4400 Combine, 13' Grain Head, 36" Row C.H.
JD 4020 Cab
Ford 5000 SOS Dsl.
Ford 4500 TLB
Ford 4000
Ford 1100 2WD
Ford 555 TLB, Cab
8 & 9 N's
Int. 350 w/Snow Plow
AC CA

EQUIPMENT
NH 489 Haybine
NH 315 Baler
JD 24T Baler w/Kicker
NH 717 Harvester
Ford 241 10' Disc Harrow
Ford 11 Tooth Soil Saver
Lawn & Garden Tractors w/Mowers & Snow Blowers.

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Rotec Agri-tanks, all shapes & sizes. Strong one-piece, seamless polythylene w/ultra-violet inhibitors, super sun & weather resistant, 25-2250 gal.
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USED EQUIPMENT

USED COMBINES
Int. 1440 Combine
Int. 715 Diesel w/4 row narrow head, nice
MF 750 w/grain head
Int. 715, late model

1979 Int. 1460 rotary combine w/6 row corn head

USED TRACTORS
MF 1080 D
Int. 856
JD Model B w/Cultivators
IH Hydro 100 w/Cab
Farmall H
Int. 1066 w/Cab
Int. 1086

USED EQUIPMENT
Int. 800-6 row Corn Planter
Int. 710 5 F Auto. Reset Plow
900 Badger Blower
NH #518 Manure Spreader
Ontario Hoe Drill
Int. 2350 Mount-o-matic Loader
13' 3 pt. Chisel Plow
NI 2 Row Wide, Pull Type Picker
Int. #40 Stalk Shredder

NEW GEHL EQUIPMENT
960 Forage Box w/roof
1540 Forage Blower
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A Real Good Year-End Buy!

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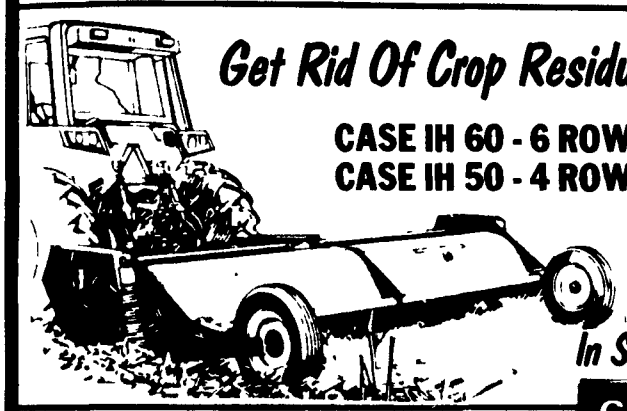
Need To Haul Manure On Wet Ground?

Try The
CASE IH MODEL 3294 4 WD TRACTOR
162 PTO HP
Call For Demo

On Display:
- **MODEL 2096 2 WD, 110 HP**
- **MODEL 2294 2 WD, 131 HP**



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CASE IH 60 - 6 ROW SHREDDER
CASE IH 50 - 4 ROW SHREDDER

w/4 Wheels & Shear Angle For Finer Shredding

In Stock, Ready To Go!

TIME'S RUNNING OUT FOR 1985 TAX INVESTMENT CREDIT, ETC.

Indications Are That This Will Be The Last Year For Tax Investment Credit Don't Miss Your Chance To SAVE!

Coming In...

- **IH 886D w/Cab, A.C.**
- **IH 574D w/3 Pt. Hitch**
- **Case 1816 Uni-Loader**
- **IH 55 9 Tooth Chisel Plow**
- **IH 45 Vibra Shank**
- **JD 4 Row Cultivator**
- **IH 4 Row 56 Planter**
- **NH 451 Sickle Bar Mower**
- **NI 325 2 Row Cornpicker**
- **3 Gravity Boxes**
- **36 Ft. Elevator**
- **Farmall F12 w/Cult.**
- **JD KBA 10 Ft. Transport Disk Harrow**
- **Brillion Cultipacker, 14 Ft.**
- **Walsh 200 Gal. Sprayer**
- **Farmhand Wheel Rake**
- **Duals 18.4x34**

GOOD CLEAN USED EQUIPMENT

TILLAGE
- Oliver 4 Row Cultivator
- IH Model 450 Plow
- 7 Tooth Glencoe Soil Saver
- IH 720 Plow 5 Bottom 18 w/Hillside Hitch
- 7 Tooth Glencoe Soil Saver Ex
- Brady 12 Ft Field Cultivator

MISCELLANEOUS
- NH 960 Grain Platform 13
- 1 Pr Dual Wheels & Tires 31x5 15 x15 8 Ply
- 1 Pr Dual Wheels & Tires 18 4x26 6 Ply
- Walsh 300 Gal Trailer Sprayer w/Boom (Used 1 Time) ONLY $1 350

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- NH 519 Spreader w/Top Beater Gate Splash Guard
- NH 676 Spreader w/Hyd Gate
- NH 512 Single Beater
- NI 214 Spreader /Double Beater Original Paint On Floor Like New
- NI Tandem Axle w/Top Beater Ex Condition ONLY $3 850
- Hawk Tandem Axle 357 Tank Spreader Hyd Lid Openers
- JD Tank Spreader Single Axle w/Hyd Lid Openers

TRACTORS
- Farmall 460
- IH 350 Fast Hitch
- IH Farmall Cub w/Mower
- IH 2444 w/Loader
- Ford 30 w/Mower
- IH 574 w/Loader Ex Condition
- IH 500C Crawler Diesel w/Bucket Ex Cond

SKID LOADERS
- NH L775 Diesel w/Backhoe
- Case 1737 w/Bucket & Manure Fork Good Condition ONLY $3,950
- NH L425 w/Bucket
- IH 3200 Skid Loader w/2 Buckets

NH 1495 SELF-PROPELLED HAYBINE W/CAB

Air, Hydrostatic Drive, Diesel Engine, Excellent Condition.

HAY & FORAGE
- NH 275 Baler w/Thrower
- IH #40 Shredder, 4 Row
- NH 2 Row Snapper 30' Rows
- NH 718 Chopper w/Head
- IH 56 Blower
- IH 555 Forage Harvester w/Cornhead & Pickup Attachment
- NH 269 Baler
- NH 320 Baler w/Thrower (Ex Cond)
- NH 489 Haybine
- NH 852 Round Baler Auto Tie, Excellent
- NH 273 Baler w/Thrower
- Studebaker Truck w/No 8 Forage Wagon
- Hesston Mower Cond 9 Ft Cut, Ex Condition
- (2) #8 Forage Box Wagons
- JD 60 Blower
- NH 238 Tandem Axle Wagons
- AC Forage Box
- Used Field Queen Self-Propelled Harvester, Cat Diesel w/Cab, 3 Row Head & Hay Pickup Head Good Cond

PLANTING & SEEDING
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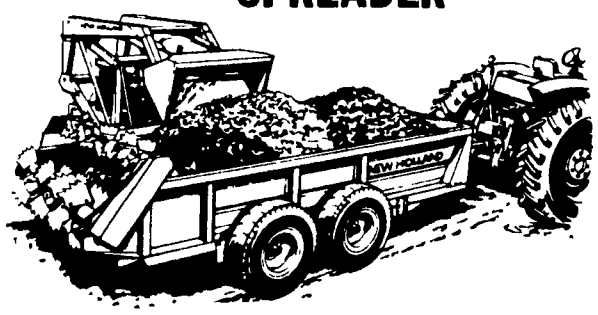
- IH 400 Planter, 6 Row, w/Dry Fert
- Ontario Grain Drill, 16x7

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

We're Overstocked... This Equipment Must Be Sold Before End Of Year

0% Financing For 2 Years Ends Dec. 31st... *Only 3 Days Left!*

NH MODEL 791 SPREADER



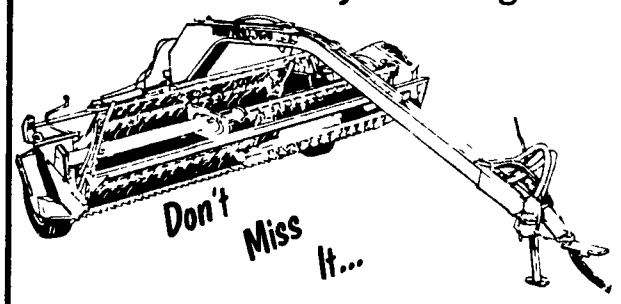
- 360 Bushel
- Extra Heavy Pintel Chain

In Stock

Waiver of Finance Till September 1, 1986

Pay Cash And Deduct $400

NH MODEL 499 MOWER CONDITIONER
With 12 Ft. Hydra Swing



Don't Miss It...

Selling At An Old Price

Plus

WINTER BUYER'S DIVIDEND OF $600

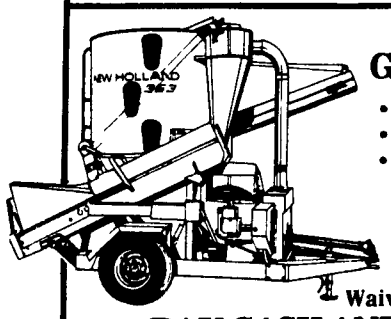
Pay Cash And Deduct Another $750

NH MODEL 514 BOX SPREADER
177 Bu., T-Bar Chain w/Slurry Sides

"A FREE SPREE"
Receive FREE Slurry Sides & Hyd Endgate or FREE Upper Beater & Hyd Endgate w/Purchase. Value $1,335

Pay Cash And Deduct $250

NH MODEL 353 GRINDER MIXER



- 16" Hammermill
- 80 Bu. Tank
- 1 Screen
- Heavy Duty PTO

One Only

ALL THIS FOR ONLY $5,975

Waiver of Finance Till Sept. 1, 1986

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NEW HOLLAND

0% FINANCING FOR 24 MONTHS

- Waiver of Finance On All New Hay & Forage Equipment Till July 1 or Sept. 1, 1986
Spreaders & Grinder Mixers Till Sept. 1, 1986

OR • Big Cash Rebates
OR • 0 % Financing - 12 Mos. • 8.9% Financing - 36 Mos.
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AC 185 Dsl.
AC CA Tractor w/ Cultivator
AC D17 Dsl. Tractor
Farmall 300 Tractor
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OMC 540 Staker & Mover
Case 10' Pull Type Pt Chisel Plow
NI 838 Husking Unit
NI 729 A Uni Sheller
Used NI 323, 1R Picker
NI 740 Feeder Housing
NI Model 702 Dsl. Power Unit
737 Uni Husker

ROY H. BUCH INC.
Ephrata
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NEW IDEA
WHITE FARM EQUIPMENT

USED EQUIPMENT
Int 674 Tractor
Farmall 340 Trac
White 2-135 Tractor
Haybuster 1068 No-till Drill
White 281 10' Offset Disc Harrow
JD 5 Bot. 18" Plow
JD 3 Bottom 14" Plow
NI 900 4 Row Planter
Holland 3R Transplanter
MF 3B 14" Mtd. Plow
Ford 2 Row Cultivator
Hesston 1014 Windrower
MF 82 Combine
White 7300 Combine
Fox 728 2R Corn Head
Woods C80 Rotary Cutter
NI #12 Spreader
NH 512 Manure Spreader
Hesston 7150 Forage Harvester
Better Bilt 1100 Gal Liquid Spreader
Ford 501 Mower
Danco Rear Unload Forage Box
Ford 120 Lawn & Garden Tractor

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HESSTON CORPORATION

NEW EQUIP.
Automatic Roller Mill Blower (Rental)
Artsway 500 Hammer Mill
NI 384 Solid Plus Spreader $9,900
White 5100, 6R Planter No-Till $10,900
White 23' Disc Spring Gang Hanger, $6,500
Hesston 12' Disc $4,500

USED TRACTORS
MF 175 D.
OMC 1000 Skid Loader
Hydra Mac 12 Skid Loader, Rebuilt
White 2-135, excellent
JD 4020
Hough 25B Loader w/52" Bucket
Case 1210
Farmall 350
Farmall C

USED HARVESTERS
Field Queen 7650 4WD 3 Row Head & Pickup
Fox 6200 w/3 Row Head
MF 260 2R & PU
Fox 3310
Fox 2000
Fox SPF Dsl.-Cheap
Fox 2R Snapper Head
Fox Max 1 SP, Cab, 4 Whl., Low Profile Head
NI 702 Uni Gas
NI 705 D., Uni $10,500
NI 767 Harvester
NI 741 Feeder House
NI 713 Flex Head
NI 727 Husking Bed
NI 729A Sheller

USED EQUIPMENT
White 5400 6 Row, no-till
White 543, 4R, No-til
Glenco 27' Field Cultivator
Crustbuster 18' HD Sgl. Fold Disc
AC 2600, 18' Wing Disc
10' Bush Hog Disc
Glenco SS7 Stretch Frame, Like New
Vermeer 504F Round Baler
Hesston 5500 Rd. Baler
Hesston 4800 Big Square Baler
Hesston 12' Hydro Swing
NH 675 Tandem Spreader
NI 218 & 245 Tandem Spreaders
NI 213 & 212 Spreaders
Hesston 3-Row Narrow & 3 Row Wide Head
Hesston 4 Row Narrow
Fox 3-Row Belt Head
Fox 2 RN Chain Head
NH 462 Disc Mower
JD 1209 Haybine
NH 479 Haybine
NI Wheel Rake
Fahr 17' Tedder
Brady, IH, Bush Hog 12' Flail Mowers
Hesston 30 Stack Mover
Smoker bin wagon
NH #8 Wagon 3 Beater & Roof
8HP Bedding Chopper
18.4R 38
20.8R 38
Radial Takeoff Tires

"Happy Holidays"

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

USED EQUIPMENT

TRACTORS

Case 1390
Case 1175
Case 1090
Case 2090
JD 60
Case 530 Loader
JD 2640
IH 84 Hydro
AC 170

SPREADERS

NI 213
NI 214
NI 224
NI 354
Martin Scavenger
NH 675
NH 679
JD 54

NEW IDEA

838 Uni Husker
325/329 Picker Sheller
270 Cut Ditioner

MISCELLANEOUS

Gehl 1580 blower
10 foot chisel plow
Woods 15' mower
Mechanical trans-planter
JD 1240 planter 4R
Gehl 99 Blower
IH Grain Drill
Badger Box
IH 400 planter 4R

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2849-53 Churchville Rd
Churchville, Maryland
Ph: (301) 734-7722 or (301) 879-1434
Sales & Service On:
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TRACTORS: 55 Oliver; Kubota w/loader & mower; Cub w/blade & mower; Farmall C; 200 Farmall; 400 Farmall; VAC Case & more.
PLOWS: 3pt.; 1-2-3-4 btm; 2 & 3 btm. roll over; 3 & 5 btm. auto reset; Disc harrows 3 pt. & wheel type; Chisel plows 3 pt. & wheel type; 2 & 3 pt. blades; Front & rear mounted blades; Cultipackers; Rakes; Mowers; Loaders; Cultivators; Transplanters; Corn shellers; Spreaders; Hammer mills & Cultimulchers.
Lots of equipment not listed. Call evenings:

C.E. KEENER
1531 Manheim Pike, Lancaster
717-898-7446

USED BELTING MATERIAL RUBBER MATS FOR
Comfort Stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers,
Hog Houses

Paul N. Brubacher
215-286-5298

* USED EQUIPMENT *

Farm Tractors
IH 4568 4WD
IH 460 w/3 btm. plow, fast hitch
IH 544 w/loader, 3 pt. hitch, PTO
JD 301A w/sickle bar mower, 3 pt., PTO

Construction Equipment

Backhoes
IH 3400 full cab, hydro, needs trans. work
IH 3500
IH 260, 4 to choose from, 1978-1981
JD 300B w/factory ROPS
JD 410 w/extend-a-hoe
MF 50C
Case 580

Crawlers
JD 350B w/forks
IH TD15B, power shift w/angle blade
IH 125E w/4 in 1 Bucket

Skid Steer Loaders
(2) Prime Movers L1200, late '84's, less than 200 hrs. each
JD 14
Hydro Mac, propane powered

Inventory Changing Daily
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Ask For Rick Kammann
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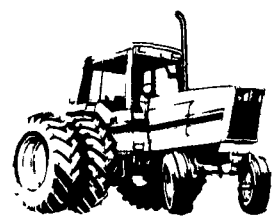
HAPPY NEW YEAR

Our thanks for your kind support in the past. We're looking forward to continuing knowing and serving you in the New Year ahead.

HERR & LEAMAN
Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A 100% WARRANTY ON ENGINE AND DRIVE TRAIN ON TRACTORS PRICED OVER $2,000/WILL DELIVER ANYWHERE

TRACTORS

JD 4430, powershift, fact cab & air, very nice
JD 4430, no cab syncro range, clean tractor
JD 4240 w/f[SOLD] & air, quad range
JD 4230 w/fact. cab & air, quad range
JD 4030, 4 post, QR
JD 4020 Diesel, dual hyd., WF, side console
JD 2940, 1980 model, fully equipped very nice
81 model JD 2640, late style w/cab w/reverser
JD 2640 w/Hi-Lo, dual hyd. with JD 146 loader
JD 2440 38" rubber, canapy, dual hyd. 1300 orig hrs., very nice
JD 3020, Dsl. side console, WF, nice
JD 3020 D, PS, WF, dual hyd., recent engine overhaul
1981 IH 1086, [SOLD]ab & air w/western interior equipped w/all the late features.
IH 1086, fact. cab & air, red cloth seat tractor
IH 1086, fact. cab & air, radial tires
IH 1466 Fact. cab, dual PTO & hyd.
IH 1466 Fender Tractor

IH 1066 Year ro[SOLD], 20" rubber, 1 owner
IH 966, '76 mo[SOLD]ck stripe w/fact cab & air, real nice.
IH 966 3 pt. WF
IH 1456 w/cab
IH 1456 fender tractor
IH 1256 w/complete engine overhaul
IH 1206 w/new T.A. & cab
IH 1206 No TA, 3100 orig. hrs. Adjustable WF 3 pt dual hyd.
IH 826, WF, 3pt, 38" rubber, turbo
IH 806 Dsl. cab & air, 18.4x38 radials w/56 Series shift, very nice.
IH 856 Dsl. tractor [SOLD], 3 pt. WFE 38" rubber
IH 856 Dsl. WF, fast hitch new TA
IH 766 D[SOLD], 3 pt.
IH 756 Dsl. 3 pt. WF, very nice
IH 666 Dsl. Hydro w/cab & air, one owner
IH 784 Diesel, row crop, dual PTO, 38" rubber, low hours
IH 706 Diesel, clean tractor
IH 656 Diesel, fast hitch WF, dual hyd
Farmall 460 Gas, fast hitch, nice
Farmall 240 gas utility

HARVESTING EQUIPMENT

K Gleaner w/10' Floating cutter bar. Local 1-owner
(1) NI 705 GMC V6 diesel cab, variable speed
NI 701 Inline 6 cyl., gas, variable speed, cab
2 NI 717 Combines 80 models, elect. auger control, spreaders or choppers
NI 713 Grain Head
(2) NI 737 Huskers
NI 727 Husker [SOLD]od condition
NI 741 Quicktach Throat
NI 740 QuickTach Throat
NI 738 4RN c[SOLD]d w/stripper bars
NI 768 3R WN Chopperhead
NI 725 3RN corn head w/stripper bars
NI 767 Super Chopper w/electric knife sharpener
(2) NI 729A shellers
JD 443 4R Narrow Corn Head very good condition

IMPLEMENTS

Taylorway 10 tooth chisel plow 3 pt mounted
Athens 10 tooth chisel plow 3 pt mounted
IH 55 pull type chisel
JD 10' & 14' Disc's
IH 470 Wing Fold Disc 16'
IH 5x16 Plow
NH 790 Man[SOLD]eader w/hyd endgate

MISCELLANEOUS

Dual wheels - 34's and 38's
Year round Cabs to fit IH 544 to 686, like new
3 Cabs to fit 06 series thru 66 series IH tractors
Tractor Weights JD & IH

Dismantling For Parts
NI 702 D
NI 727 Husking bed
IH 706 Gas Tractor
JD Factory WF's for 10 & 20 Series tractors
Used Dual PTO's for IH tractors

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717/464-5960 Evenings

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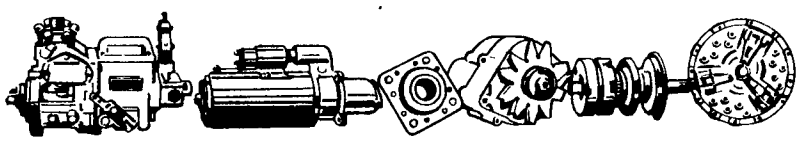

You may need a special bolt. Or a complete assembly. And when you need it, you need it. That's a fact of life that J I Case is doing something about.

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USED EQUIPMENT

★ Extra Special Cash Allowance on Most Used Equip. In Stock!

TRACTORS:
- AC 8070, 4WD, 3 Remotes, 200+ Hours, like new cond.
- IH 584D, Row Crop, New Rubber, Nice Cond. – $8,950
- IH Farmall "C"
- Farmall Super MTA
- IH 806 Diesel, WF, 3 Pt., Turbo – $6,250
- Farmall Super C w/Fast Hitch & Cult.
- Farmall 400
- Int F12 w/cult.
- IH 450 Gas, wide Front – $1,750
- IH 404 Gas Low Utility, 3 pt Hitch, w/72" Mott Mower, Engine Overhauled – $4,950
- MF 65 Diesel Utility
- MF 33 SOLD . Hitch
- IH 240 w/Fast Hitch

TILLAGE:
- Athens 11 Ft. Chisel Plow, 3 pt. Hitch, with Ga. Wheels
- Brillion 10' Packer Mulcher – $1,150
- Brillion Vibra Tine Trailing Field Cult., 16 Ft., Like New
- Bush Hog 10' 3 pt Hitch Chisel Plow, Like New!
- Pittsburg 11'6" Disk
- JD KBA Disk, 9' – $750
- JD KBA 12' Disk
- JD 1710A 12' Trailing Mulch-Tiller, Like New – $3,950
- IH 37, 35 In Various Sizes
- IH 540 4-Bottom Semi Mtd. Plow
- IH 645 Vibra Chisel, 13½', Trailing
- Int. 360 20 ft. Trailing Field Harrow
- IH 315 12'4 Packer Mulcher
- Chattanooga 11' Packer w/Transport
- 1-Bot. Trailing Plow
- Vicon 10' Power Harrow – Was ~~$2,500~~ – Now $1,500

IH PARTS COMBINES:
- IH 315 Hydro & Plat.
- IH 315 Gear & Plat.
- IH 403 Gear, 4R Wide Hd & 12 Ft. Plat.
- IH 227 Cornhead

OUTDOOR POWER EQUIP.
- IH 149 w/42" Mower
- IH 1250 w/Mower, New Engine
- IH 1282 w/42" Mower
- Cub Cadet 108 w/Mower
- Cub Cadet 106
- Cub Cadet 105 w/mower
- Model 7016 Simplicity w/42" Mower-Nice Shape!
- Cub LoBoy w/Mower Ex. Cond
- Toro Model 58 Professional Reel Mower – $375
- JD 210 w/Mower, Nice Shape
- AC Big 10 w/Mower
- Ford 165 w/Mower-Real Nice
- Gravely Model 424, 10 Hp, w/Mower

HAY & FORAGE:
- Int 56 Blower, Rebuilt
- IH No. 51 Forage Wagon
- NH 38 Flail Chopper
- NH No 26 Blower
- (2) NH No 27 Blowers (Whirl-a-Feed)
- Gehl FBB 88 Blower
- Gehl 99 Hi-Throw Blower, nice!
- 550 IH Chopper (Parts)
- 1014 Hesston Mower Cond
- NH 256 Rake w/Dolly Wheels
- NH 69 Baler w/o Thrower
- IH 420 Baler w/o Thrower
- IH 430 Baler w/Thrower-$1,500!
- (2) IH No Bale Throwers
- IH 990 Mower Cond., 9 Ft
- 5026 Elec. Wheel, 8 ton Gears
- IH Direct Cut Head For 15 or 16 Chopper
- NI Stalk Shredder, 12'
- Woods Model 214 14' Folding Mower—needs work
- Woods Model 84 3 pt Hitch Mower, Like New!
- Woods Model 72 trailing Mower, Real Nice!
- Int 120 Balanced Head Mower
- (2) Farmbilt 8x18 Bale Wagons, w/8 Ton gears—1 yr old, like New-$1,650 ea

MATERIALS HANDLING:
- Front Mtd. Forklift for 20 Series JD Tractor
- Farmhand Loader for IH 74 or 84 Series Tractor
- MF 711 Skid Loader w/Bucket Same as IH 3200 B
- IH 2000 Loader, Less Bucket, Mount for IH 275
- NH 355 Grinder Mixer, Real Nice!
- NI 6"x 59' Transport Auger, PTO Dr SOLD – $650

PLANTERS:
- IH 2-Row Fast Hitch
- IH 455 4-Row
- IH 456 4-Row, Nice Shape!
- IH 658 6-Row Narrow Dry Fert
- 4 & 6 Row Cyclos, Field Ready!
- JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump – Nice!
- JD Van Brunt 13x7
- JD 15x7 Drill, DD, Comb
- IH 510, 16x7 Comb. Drill w/2 Grass Seed Boxes
- IH Fast Hitch, 2 Row Cult, Like New

COMBINES:
- 715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
- AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape! – $17,500 Less 15% Cash Discount
- 810 13' Cutter Bar, Like New
- 810 15' Cutter Bar, Like New
- IH 430 WN 30" Cornhead
- IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
- IH 227 Cornhead, fits 315, 205 or 203
- IH 843 4-Row-Narrow Cornhead
- IH 844 4 Row Wide Cornhead, Real Nice!
- IH 863 6-row Cornhead Real Nice!
- NI No. 10 Picker, Fair Shape – $500

MISCELLANEOUS:
- McCurdy 20' Trailing Harrogator – $1,300
- SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor – $750
- ARPS 3 pt. 78" Snowblower
- New Midwest 9' Grain Body For Truck, – $1,350/$1,250
- Athens 15' Bat Wing Mower (In Stock) – $9,625 (New)
- Vicon 281 Mower Cond.-Extra Special Price! (New, Demo.)
- Century 500 Gal Trailing Sprayer
- Walsh 300 Gal Trailing Sprayer
- (2) Haney Reels-Model EPF 3423-24RT, 150 Ft. High Pressure 1½" Hose, 12 Volt Motor (Off Fire Truck) – $550 each

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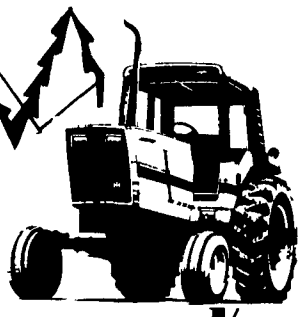
- ★ Sprayer Parts headquarters
- ★ John Blue Sprayers
- ★ FMC Bean
- ★ Brouwer Turf Equip.
- ★ Grasshopper Mowers
- ★ Myers Forage Wagons
- ★ Hedlund Martin
- ★ Madison Silos
- ★ Ag Chem Sprayers & Parts
- ★ Northwestern Skid Loaders
- ★ Woods Mowers, Blades & Backhoes
- ★ Trailblazer Foam Markers
- ★ Cub Cadet Lawn Equip.

NEW EQUIPMENT

END—OF—YEAR Clearance



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8% CASH DISCOUNT
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5% INTEREST
To Qualified Buyers!

HURRY... Don't Miss Out!

PROGRAMS END DEC. 31st

- IH 5488 Tractor — Dual 20 8x38 Radials — Approx. 300 Hours — Demo SOLD
- IH 735 6-Bottom Vari-Width — Set Up
- IH 730 4-Bottom Vari-Width — Demo — Set Up SOLD
- IH 720 6-Bottom On Land — Hitch — Set up
- IH 496 Disk Harrow, 22' SOLD — Cushion Gang — 9" — Set Up — Demo
- IH 496 Disk Harrow, 18'7" — Cushion Gang — 7½" — Set Up — Demo
- IH 496 Disk Harrow — 19'1" — 9" Spacing — Cushion Gang — Not Set Up
- IH 415 20'10" Folding Packer Mulcher — Set Up — Demo — VT Teeth & 19" Rollers
- IH 4621 Vibra Shank Trailing Field Cult. — Set Up — Demo — 21 ft. to 26 ft.
- IH 4630 Vibra Shank Trailing Field Cult. — 30 ft.
- IH 6511 Consertill — Set Up — Demo — 11 ft.
- IH 14 Subsoiler — Set Up — Demo — 5 Shank, 15 ft.
- IH 10 Subsoiler — SOLD p — 7 Shank, 11'8"
- IH 800 4-Row Air — Extra $1500 Certificate On Planters
- IH 183 Vibra Shank 4-Row Cult. — Set Up
- IH 881 Forage Harvester — 2 Row Head w/ Pickup Attachment — Set Up — No Reasonable Price Refused!!
- IH 1190 Mower Conditioner — 9 Ft. — Set Up
- IH 530 Spreader — SOLD Bushel, Heaped
- IH 540 Spreader — 170 Bushel, Heaped
- IH 550 Spreader — 201 Bushel, Heaped
- IH 595 Spreader — 365 Bushel, Heaped
- IH 375 Tandem Axle 10 Ton Running Gear — Set Up
- Straw Chopper For 1420 Combine
- 23.1x34 Rice Tires SOLD ms For 1420

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NEW HOLLAND 680 SPREADER
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And Choice Of
Slurry Sides Or
Top Beater
48% OFF
Before Year Ends
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JD 4230
JD 2010
Case 730
Oliver 1650
AC 200
JD 4040 w/Cab
AC WD45
Case 1210 4 WD w/Loader
IH 656
MM G1000 Vista

USED COMBINES
AC M2 4 Row Head 15' Platform
AC F2
MF 300 13 ft. Platform & Cab
JD 6620 Side Hill 6 Row Corn Head, 15' Platform

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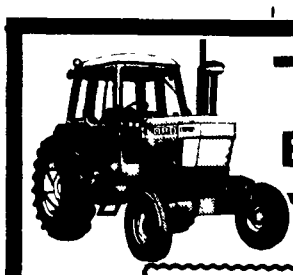

USED EQUIPMENT

Next Week
IH 5088, 1,000 hrs.
Pink Stripe 1486 Cab, Air
JD 6620 Side Hill Combine

JD 6620 Combine
2 10666 Sharp
Ford 7000 Dsl 8SP High Platform
1975 IH 915 Combine
IH 544 Utility gas w/2000 loader
JD 530
Uni 705 Dsl w/1800 hrs
Pair of 28Lx26 Combine Tires on Rims
NI 702 w/727 or 737 Husker
NI 738 4R or 725 3R C H
IH 615 Combine w/C H & 10 Platform
JD 4400 Dsl Rotary Screen

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QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

JD 4840 Cab & Air Power Shift, 1600 hrs., very nice
JD 4240 Dsl., Cab & Air, 1895 hrs., 18.4x38 Tires, very nice
JD 4230 Cab & Air, Quad Shift, 38" Rubber
JD 4630 Cab, Air, Quad, 1977 Model, very nice
JD 4430 Dsl., Cab, Air, Quad, 1977 Model 2200 hrs.
JD 4430 Dsl., Cab & Air, QR 1974
JD 4320 Dsl. w/cab, 3300 hrs., very nice
JD 4230 dsl., Power Shift Cab & Air, 1977 Model
JD 4030 Dsl., WF, Sound Guard Body
JD 4030 Gas w/Cab, WF
JD 4030 Dsl. Fender
JD 4020, WF, year Rd. cab, sharp
JD 3020 Dsl., Power Shift, WF
JD 3020 Tricycle
JD 2520 Gas, WF, low hrs., very good
JD 2440 Dsl., Independent PTO, dual hydraulic
JD 2640 Dsl., Hi/Lo Independent PTO 38 & Rubber
JD 2630 Dsl., Independent PTO, Hi/Low, very nice
JD 2240 Dsl., nice
JD 2020 Dsl., Hi/Low
JD 1050 Dsl. 850 hrs., like new
JD 1650 (Demo)
JD 1020 Gas w/3 pt.
IH 1466 Cab & Air, 20x38 rubber, new TA
IH 966 Dsl., WF, 2700 Hrs.
IH 966 Dsl. w/Cab, 1800 hrs., very good
IH 986 Cab & Air, 18x38 Rubber, 2100 Hrs.
IH 1086 Dsl. Cab & Air, 1600 hrs., very nice
IH 886 Dsl., Cab, Air, very nice
IH 886 Dsl., 4 Post Canopy, new TA, very nice
IH 856 Dsl., WF, 38" Rubber
IH 786 Dsl., WF, 1800 hrs.
IH 826 Dsl., WF
IH 1066 Dsl. Tractor, Cab, extra nice
IH 766 Dsl. Fender Tractor, 1200 hrs., excellent condition
IH 766 Dsl. w/BS, Roll Guard w/Canapy
IH 756 Dsl., WF, 3 pt., 38" Rubber
IH 666 Dsl. Tractor, WF, 3 pt., very nice
IH 666 Gas, WF, Very Good
Farmall 706 Dsl., WF, nice
Oliver 1755 dsl., WF, 2100 hrs., very good
IH Super A w/Rotary Mower and Loader
Ferguson 35 Gas, 1100 original hrs.
Ford 7000 Dsl w/Cab, 1800 hrs., very nice

HAY EQUIPMENT

JD 3960 Harvester w/Elec. Controls, 2 or 3R Head, very good
JD 346 Twine Baler w/#30 Thrower
JD 346W Baler w/Thrower
JD 336 Baler w/#30 Ejector
IH 1190, 7' Haybine, very nice
NH 489 Haybine
NH 467 Haybine
NH 477 Haybine
NH 320 Baler w/Bale Turner, excellent
NH 315 Baler w/Thrower
NH 273 Baler w/Thrower
NH 277 Baler w/Thrower, very nice
NH 852 Rd. Baler w/Auto Wrap, like new
NH 845 Rd. Baler, very nice
NH #38 Flail Chopper, used 1 season, like new
NH #80 3 Pt. Rd. Bale Mover
NH 1005 Bale Wagon, single bale unloads
NH Super 1049 Self Propelled Bale Wagon, 160 Bale Capacity, very good condition
NH 1012 Bale Wagon

CHISEL PLOWS

JD 1610, 12 Tooth Pull Type
JD 1600, 3 pt.
MF 12 Tooth 3 pt

NEW ARRIVALS

IH 1256 Cab & Air
Ford 3400 Loader Tractor w/Cab, very nice
AC Black Corn Heads 438 and 330
Ford 601 Loader Tractor
JD 3020 Dsl., WF, Side Console w/Roll Guard
Bush Hog 12' 3 pt. Chisel Plow, new
NI 10' Fertilizer Spreader w/Grass Seed
New Deutz & Fahr Tedders, 17' & 24'
Ford 851 Tractor, 5SP & Live PTO

JD 480B Diesel, Fork Lift, 21' Mast, Side Shift, 1400 hrs., very good condition

PLOWS

IH 720, 6x18 Spring Reset On Land Plow
IH 720, 6x18 Toggle Trip Onland
IH 720, 5x18 Toggle Trip
IH 710, 7x18 Spring Reset Onland
IH 710, 5x20 Spring Reset
IH 710, 5x18 Spring Reset
IH 710, 4x16 Spring Reset
JD F145, 3, 4, and 5 Bottom Trip
JD 1450, 5 & 6 Bottom Trip
DJ 2500, 5x18, Spring Reset
JD 2700, 5x18 Spring Reset
White 580, 5 or 6 bottom Spring Reset
White 3 bottom Spring Reset

LOADERS

Ford 4600 SU Tractor w/Loader
Ford 3400 Gas Loader Tractor w/3 pt., 1800 hrs.
MF 165 Dsl. w/Quick Tach Loader
Case 1816B Skid Loader, 500 hrs.
Gehl 4300 Skid Steer

CORN PLANTERS

JD 7000, 4R, Cons., Dry Fert. & Insect.
JD 7000, 4R Conservation planter, 200 acres, like new, '84 model
JD 7000, 4RN w/Liquid Fert.
JD 1240, 4R Plate and Plateless Dry Fert.
IH 56, 4R Dry or Liquid Fert, excellent condition

NEW EQUIPMENT SPECIALS

NH 316 Baler, $6,800
NH 311 Baler, $5,800
Taylorway 9' Soil Saver, $3,350
New JD 327 T Baler w/40 Ejector

CORN HEADS

AC FG430
JD 243, 244, 343, 443, 444
IH 844, 843, 227
MF 43, 63C

DISCS

Bush Hog 18½' Hydraulic Wing Fold Disc, like new
JD AW 12'6", Very Good
JD BWF 20' Rock Flex
JD BWA 12' Disk
JD BWF 16½' Rock Flex, excellent blades

GRINDER MIXERS

JD 750 w/Long Auger
JD 700
NH 353
NH 352
Gehl 95

Trade in Special
JD 4400 Gas Combine w/13' Platform $5,950

MISCELLANEOUS EQUIPMENT

JD 148 Loader for 2840's & 2510-4240 Tractors
18x38-18x34 Duals
Cabs to fit IH 706 thru 1466 Tractors
Cabs to fit JD 3010-4320 Tractors
Brillion 8' Alfalfa Seeder w/Transport, good condition
JD 4 Row RG & RM Cultivators
IH #40 Stalk Shredder, excellent condition
IH 2000 Loader
NI 323, 1R Corn Picker
IH 1000 Loader for 140 or Super A, very nice
JD 3R 30" Fg. Head
NH 3RN Quick Tach Corn Head
JD 7' Direct Cut Grass Head for 3940, 3960 Harvester
JD 8300, 7x18 Double Disc Grain Drill
IH 510, 21x7 Double Disk Grain Drill

COMBINES

1980 Gleaner F2 Corn Plus, 23" Rubber, like new
1981 JD 4420, 900 hrs., fully equipped, excel. cond.
1979 JD 4400 Dsl., 23" Rubber, excellent, one of a kind
1976 MF 510 Dsl., Cab, Air, 23" Rubber, excellent
1976 Gleaner FKS Dsl., Cab & Air, 13' Grain Table, very nice
1976 IH 715 Dsl., Hydro., Cab, Air, 23" Rubber, nice local trade
1974 JD 4400 Dsl., Cab, Air, Choice of Heads
1973 JD 4400 Gas w/Cab, 1300 hrs., good condition
JD 213 & 215 Flex Heads
IH 820, 13 & 15' Flex Heads
Corn & Soybean Chopper to fit JD 3300-4400

Good Selection of Grain Tables
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Shift on the Go, Live PTO Yanmar tractors mean a world of operating ease Famous Yanmar Diesel power, 3-point hitch, clutchless on-the-go shifting Test drive a Yanmar

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Tractors: Moline w/loader; Cub w/mower & blade; Super C w/mower, Pony w/mower & cult.; MF 35 tractor; Silver King tractors.

Transport Feed Mixer, 26' Transport 6" Auger. Rosenthal Husker Shredder, 10' Roller Harrow, 3 pt. Saw, Chisel Plow, 1, 2 & 3 bottom plows, Hammermills, V snow plows, 2 & 3 pt. blades, blade for 140 or Super A, PTO & belt drive corn sheller, Gehl Flail Chopper, Gehl Mix-All, post drive, 3 bottom 450 auto. plow.

Lots of equipment not listed. Call evenings:

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McCONNELL UTAH MODEL 335 POTATO HARVESTER
With hyd. dirt shaker, very good cond.,
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INTL CUB 184 LO BOY w/Wood Mid-Mounted Mower
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AC 6080
2 WD w/ROPS
$16,750

USED EQUIPMENT

AC 7000 w/Cab
Model 800 Silamix w/Dig. Scales
XT 190D AC Tractor, Real Nice
Used NI 737 Husking Bed attach.
NI 702 Uni Harvester With 717 Combine Head
Vicon RC 330 Rake Tedder - Like New
NH Model 90 Bale Handler
AC 4 bottom SC plow
JD 6 Bottom Reset Plow
AC 333 4 Row Corn Planter
Papec Harvester w/Both Heads
Cases 1835 Skid Loader
LKS Combine w/Grain And 630 Corn Head

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• TRACTORS
IH H Farmall
JD 2350 w/Loader, 68 hrs.
JD 2020 Dsl.
IH 1466, No Cab, Duals
JD 4430 Cab, PS, Sharp
JD 4430 QR, Cab
Deutz DX110 Cab w/Air

• COMBINES
JD 15' Rigid Platform
JD 7700 Rotary Screen, Hydro, 643, 15' Grain Head
JD 643 Corn Head, Low Side

• PLANTING EQUIPMENT
JD 1240 4R Double Disc
Oliver Drill 13x7
AC 330 4 Row Planter
JD 7000 4 RN No-till
JD 1440 4 Row No-till
JD 1240 Plateless w/Fert.
AC 333 No-till

• TILLAGE
JD F145, 4-16 Semi Mtd. Plow, like new
Ford Disc 24'
JD 310, 14' Disc
Brillion 15' Roller Harrow
IH 21' 3 pt. Field Cultivator
Chatanooga 17' Packer
Dunham 14' Packer w/Transport, Solid Wheel
(2) Brillion 3½' Packer Wings, Solid Wheel

• HAY & FORAGE
JD 3800 Forage Harvester w/2 row Wide Corn Head

• MISCELLANEOUS
6' Rear Scraper
8' Rear Scraper
Woods 15' Rotary Cutter
JD 509 5' Rotary Cutter
Woods 6' Rotary Mower

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JD 4250, PS, SG, MFWD
JD 4250, PS, SG
JD 2350 MFWD
JD 1450
JD 3950 Fg. Harv.
JD 327, 337 & 347 Balers
JD 530, 430 & 330 Rd. Balers
JD 7000 4 & 6R Consv Planter
JD 215 Disc
JD 8300 18x7 Drill
JD 716A Fg. Wagon

USED JOHN DEERE
JD 3020 Low Profile
JD 3010 Tractor
JD 2940
JD 2940 w/MFWD & 260 Loader
JD 1530
JD MT w/cultivators & plow
JD 300 Husker w/2 Heads
JD 830 Mower Conditioner
JD 1326 Mower Conditioner
JD 2RN & 2 RW C.H.
JD 336 Baler
JD Transport Disc
JD 216 Fg. Wagon

NEW NEW HOLLAND
NH 326 & 311 Balers
NH 849 Rd. Baler
NH 489 & 499 Haybines
NH 555 Skid Steer Loader
NH 900 Fg. Harvester
NH 302 & 307 Spreaders

USED NEW HOLLAND
NH 495 Mower Conditioner
NH 1495 SP Haybine
NH 479 Haybine
NH 2R Snapper Head for Fg. Harv
NH 258 Rake
NH 26 Blower
NH 329 & 518 Spreaders

OTHER NEW ITEMS
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower
Bobcat Farm boy
Bobcat 743 & 843
H&S 295 Spreaders
Demco Sprayer 600 gal.

OTHER USED ITEMS
Hawk Built Tandem Tank Spreader
NI 208, 214 & 217 Manure Spreaders
White S400 6RN w/no-till
IH 1190 Mower Conditioner
Hesston 1014 & 1090 Mower Conditioners
Owatonna 235 12' Swing Tongue Mower Conditioner
Ford 530 Baler w/Thrower
Fox 3000 Harv. w/Heads
Case 1845 Dsl. Skid Loader
Dion Fg. Wagon

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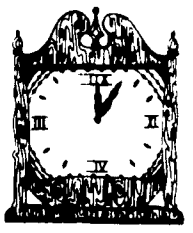
PARTSMAN - KENNETH BEILER
PARTSMAN - AL YODER
PARTSMAN - DICK SKETHWAY
PARTSMAN - ROBERT HORST
PARTS CLERK - HENRY ESHELMAN
PARTS SECRETARY - STEPHANIE YOST
STOCKMEN - JIM AND JOHN



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PRICES

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USED TRACTORS

MF 175 Diesel, Gear w/Multi-Power, PTO (W1238)
Versatile 160 w/Loader, Diesel, Hydro, 13.6x24 Tires, PTO, AC (W1364) ~~$22,500~~ $19,500
Steiger Tiger-Turbo w/3 Pt. Quick Attach, AC, Gear, 13.5Lx32 Tires (W1372)
Deutz DX-160 Diesel, Cab w/Air, 18.4x38 Duals (W9694) ~~$25,000~~ $18,900 Save $6,100
IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316) ~~$12,500~~ $11,700 Save $800
IH Farmall A w/Cultivators, Rear Wheel Weights 9x24 Tires (W1143)
IH F1206 Diesel, Gear, 20.8x38 Tires, 120 HP, Cheap-Dependable Power (W8934) ~~$9,000~~ $7,000 Save $2,000
Deere 4840D, Powershift, 20.8x38 Duals, 1000 RPM PTO, Cab w/Air & Radio (W1180) ~~$28,000~~ $26,500 Save $1,500
IH F560 Diesel, Gear, 2 Point Hitch, Wide Front (W9623) ~~$4,000~~ $3,200 Save $800
IH Farmall H, Clean Tractor (W9625) ~~$1,200~~ $1,025 Save $175
Ford CL-20 Skid Loader, Gas 8.50x15 Tires, 45" Bucket (W1183)
IH F1206D, New 18.4x38, Dual PTO, Extra Sharp Tractor (W9890) ~~$8,500~~ $7,500 Save $1,000
IH F1066D Hydro, 20.8x38 8 Ply Tires, Dual PTO (W1045) ~~$12,200~~ $10,500 Save $1,700
IH F1466D, 24.5x32 10P Tires, 11.00x16 8P, Dual PTO, (W1125) ~~$13,500~~ $12,400 Save $1,100
IH 3388 2+2 Tractor, 16.9x38 8 Ply Tires, Dual PTO, Full 4-Wheel Drive (W1109) ~~$24,500~~ $22,500 Save $2,000
IH F1566D Gear, Cab w/Air, 20.8x38 Duals, 165 HP, Cheap Power (W9921) ~~$14,800~~ $13,900 Save $900
IH F1466D Gear, 145 HP, 24.5x32 10P Tires, Aux. Fuel Tank, (W9236) ~~$14,800~~ $12,900 Save $1,900
IH F1066D Gear, 135 HP, 18.4x38 Tires, Dual PTO, T/A (W1058) ~~$13,500~~ $12,200 Save $1,300
IH F826D Hydro, COMPLETELY RECONDITIONED, 18.4x34 Tires, Dual PTO (W9743) ~~$10,500~~ $9,200 Save $1,300
IH F656 Gas, Gear, 3 Point, TA, PTO, (W9194) ~~$6,500~~ $4,900 Save $1,600
IH F1086D, ROPS, 20.8x38 8P Tires, Dual PTO, T/A, 145 HP, Excellent Tractor (W8729) ~~$17,500~~ $15,200 Save $2,300
IH Farmall 200 Gas, 11.2x36 Tires, Fast Hitch, PTO
IH Farmall Super C w/Cultivator, 2 Row (W8569) ~~$1,500~~ $1,250 Save $250
MF 35 Gas, 13.6x28 Tires, PTO, Heavy Loader w/Down Pressure. (W1093) ~~$5,400~~ $4,300 Save $1,100
Steiger ST 300 Cougar III, Cat 3306 @ 300 HP, 30.5Lx32 Tires, Cab w/Air (W1273) $27,500

USED COMBINES

Gleaner G Diesel, Gear, Cab, w/630 Cornhead & 13' Platform (U1369) ~~$15,000~~ $12,200 Save $2,800
IH 1460, Diesel, Hydro, 24.5x23 10P & 11.00x16 Tires, Cab w/Air, Monitor, AHC (U9559) ~~$39,000~~ $34,000 Save $5,000
IH 1440 Diesel, Hydro, 28Lx16 10P & 11.00x16 Tires, Cab w/Air, Monitor, AHC (U9645) ~~$39,500~~ $34,000 Save $5,500
IH 203 Gas, Gear, Cab, 14.9x24 6P & 6.00x16 Tires, 2 Row Cornhead & 10' Platform (U1205) ~~$3,800~~ $3,200 Save $600
IH 1440D Hydro, Cab w/Air, 1979, 24.5x32 & 18.4x16.1 Tires, Auto Head Control, Monitor (U1241) ~~$34,000~~ $33,000 Save $1,000
Massey Ferguson 510 Diesel, Hydro, 23.1x26 w/63 Cornhead & 13' Platform. (U7222) ~~$13,000~~ $6,800 Save $6,100
John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)
New Idea Uni-Harvester, Model 705 Tractor, Diesel, Model 767 Super-Chopper, Model 768 Wide/Narrow 3 Row Head (U1285)
IH 715 Diesel, Hydro, 18.4x26, Monitor (U7818) $8,750 Save $3,750

OTHER USED EQUIPMENT

IH 550 Plow, 5f, 14" Spring Trip, (T9857)
IH 710 Plow, 3F, 16, Auto Reset, Semi-Mount (T9916)
IH 540 Plow, FF, 16" Spring Trip (T9725)
Athens Model 156 Chisel Plow, 3 Point, 7', Depth-Gauge Wheels (T1284)
IH 55 Chisel Plow, 13' Mounted, 3 Rank, 32" Shanks, Gauge Wheels (T9894)
Krause Model 2416 Rockflex Disc, 26' Heavy Duty, 1¾" Arbor Bolts (T9020)
Deere Model 210 Disc - 12' 9" Spacing, 20" Blades (T9074)
IH 510 18x7, Grain Drill w/Fertilizer, DD Openers (V9905)
Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)
IH 540 Manure Spreader, 160 Bushel, Hydraulic Endgate, 8.25x20 Tires (V9769)
IH 595 Spreader, Hyd. Endgate, Dual Web, Upper Beater. Consignment (V9830)
IH 7' Cycle-Bar Mower, 2 Pt. Hitch (U1305)
Deere 110 Disc, 10' 9" Spacing (T8034)
Bush Hog Disc - 10' 9" Disc Spacing - Front, 7½ Rear, (T9109)
Brillion STT-01 Spring Harrow - 16' (T9185)

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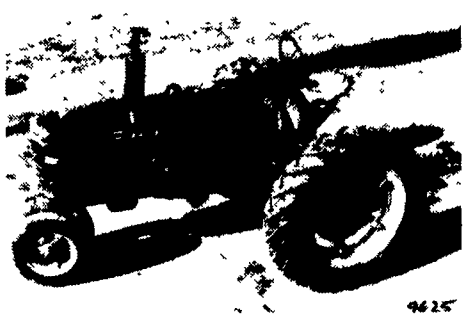
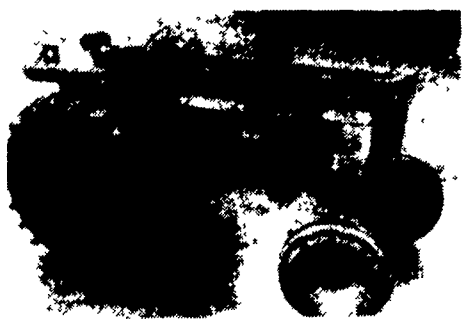


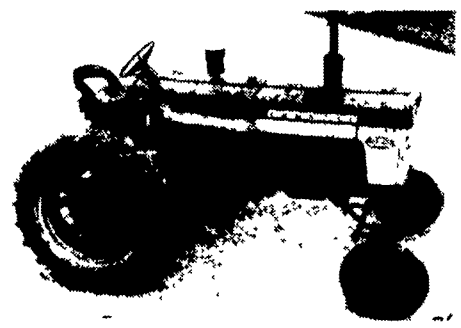
IH Farmall H, Clean Tractor (W9625) ~~$1,200~~ $1,025 **Save $175**

Deutz DX-160 Diesel, Cab w/Air, 18.4x38 Duals (W9694) ~~$25,000~~ $18,900 **Save $6,100**

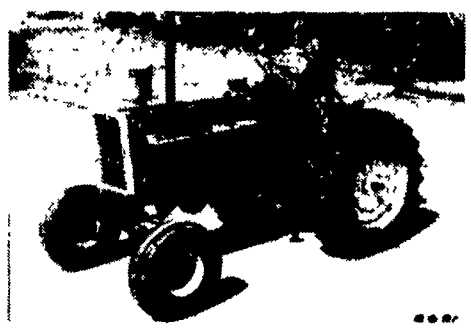


IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316) ~~$12,500~~ $11,700 **Save $800**

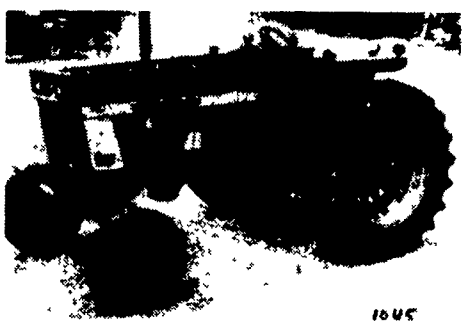
IH Farmall A w/Cultivators, Rear Wheel Weights 9x24 Tires (W1143) ~~$2,300~~ $1,875 **Save $425**



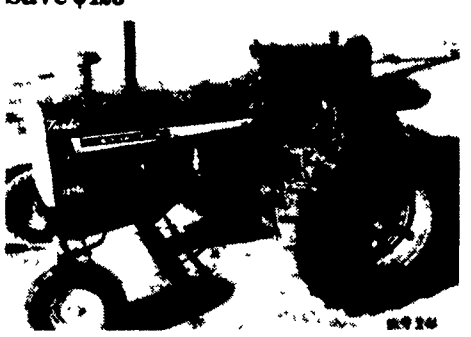
IH F560 Diesel, Gear, 2 Point Hitch, Wide Front (W9263) ~~$4,000~~ $3,200 **Save $800**



IH F1206D, New 18.4x38, Dual PTO, Extra Sharp Tractor (W9890) ~~$8,500~~ $7,500 **Save $1,000**

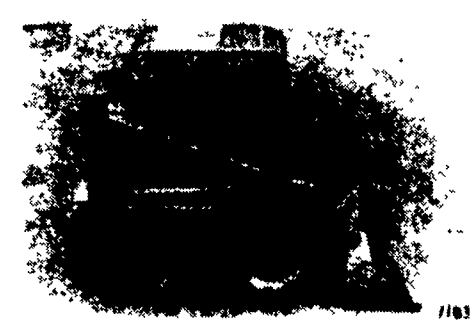


IH F1066D Hydro, 20.89x38 8 Ply Tires, Dual PTO (W1045) ~~$12,200~~ $10,500 **Save $1,700**

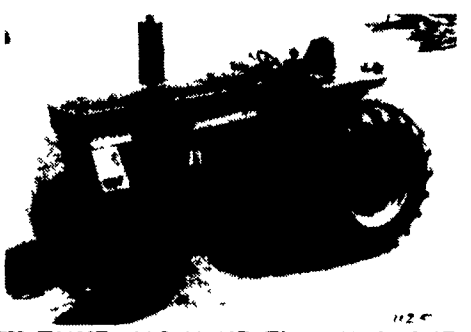


IH F1206 Diesel, Gear, 20.8x38 Tires, 120 HP, Cheap-Dependable Power (W8934) ~~$9,000~~ $7,000 **Save $2,000**

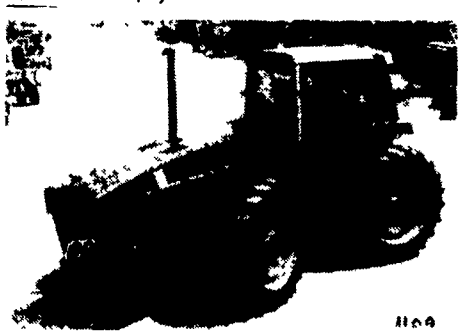
Deere 4840D, Powershift, 20.8x38 Duals, 1000 RPM PTO, Cab w/Air & Radio (W1180) ~~$28,000~~ $26,500 **Save $1,500**



Ford CL-20 Skid Loader, Gas 8.50x15 Tires, 45" Bucket (W1183) ~~$5,000~~ $4,200 **Save $800**

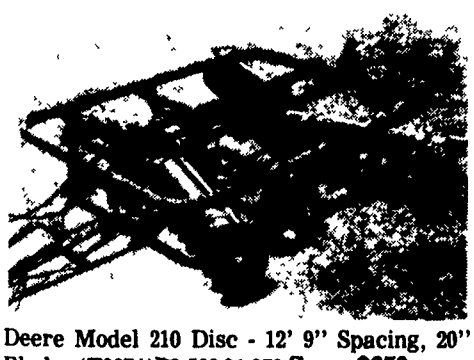


IH F1466D, 24.5x32 10P Tires, 11.00x16 8P, Dual PTO, (W1125) ~~$13,500~~ $12,400 **Save $1,100**

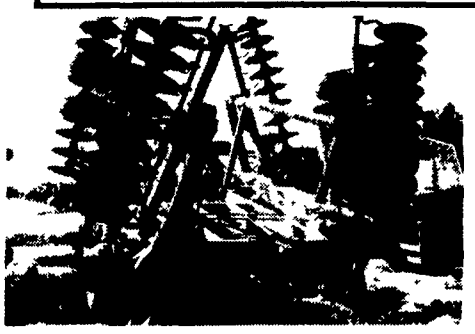


IH 3388 2+2 Tractor, 16.9x38 8 Ply Tires, Dual PTO, Full 4-Wheel Drive (W1109) ~~$24,500~~ $22,500 **Save $2,000**

USED DISKS & MISCELLANEOUS



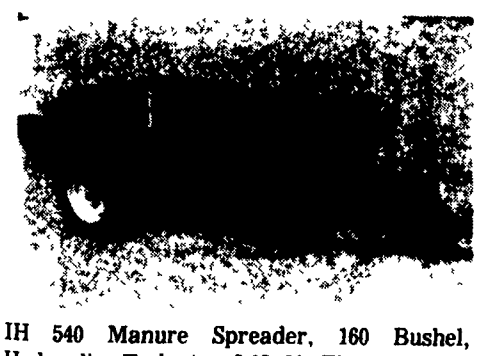
Deere Model 210 Disc - 12' 9" Spacing, 20" Blades (T9074) ~~$2,500~~ $1,950 **Save $650**



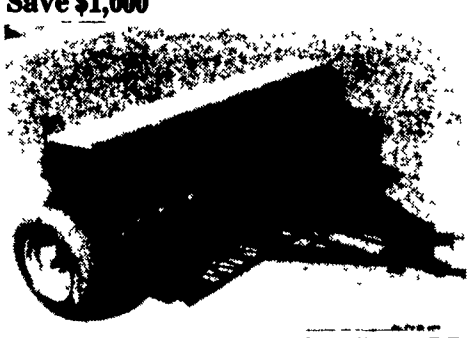
Krause Model 2416 Rockflex Disc, 26' Heavy Duty, 1¾" Arbor Bolts (T9020) ~~$13,900~~ $12,900 **Save $1,000**

Bushhog Disc 10'9" Disc Spacing - Front, 7½ - Rear (T9109) ~~$2,150~~ $1,400 **Save $750**

Deere 110 Disc, 10'9" Spacing (T8034) ~~$2,500~~ $1,575 **Save $925**

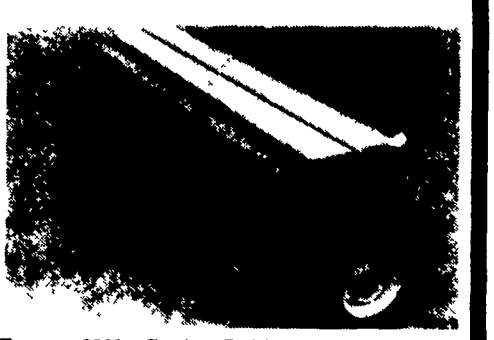


IH 540 Manure Spreader, 160 Bushel, Hydraulic Endgate, 8.25x20 Tires (V9769) ~~$5,000~~ $2,850 **Save $950**



IH 510 18x7, Grain Drill w/Fertilizer, DD Openers (V9905) ~~$3,800~~ $3,100 **Save $700**

IH 710 Plow, 6F, 16" Automatic Reset, In-furrow (T7892) ~~$2,800~~ $2,100 **Save $700**



Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922) ~~$4,000~~ $3,500 **Save $500**

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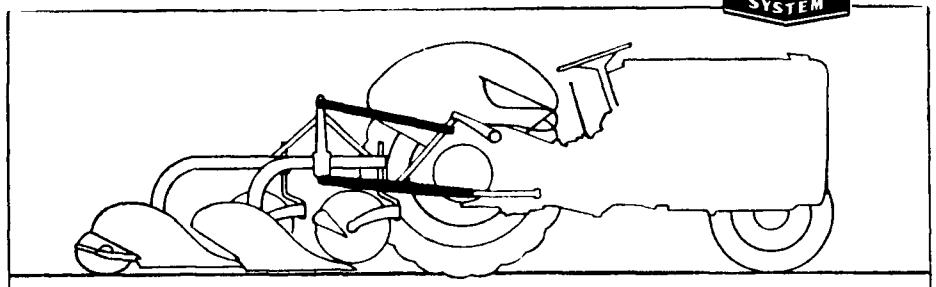
New Shop Built In 1947

Equipment On Hand, 1951

Mr. Henry Ford & Mr. Harry Ferguson



Tractor and implements operate as a unit

An Historic Partnership That Has Brought a Revolution in the Production Costs of Agricultural Products

Over 40 years ago, Mr Harry Ferguson began development of a new system of farming based on new and fundamentally different concepts of farm power. The tractor and implements which resulted have proved beyond all doubt that Mr. Ferguson's concepts have brought about a revolution in farm production methods.

Mr. Henry Ford saw in the Ferguson System a new and better way of farming. To help give life to the new idea, Mr. Ford applied his manufacturing genius to the principles of the Ferguson System to produce the Ford-Ferguson Tractor on an automotive production line basis.

This historic partnership has made it possible to increase farm profits by lowering farm production costs and, at the same time, remove the drudgery from farm life.

The advantages of Flexible Farming with the Ferguson System apply to the raising of every kind of crop and to all types of soils; to the small farm as well as to the large.

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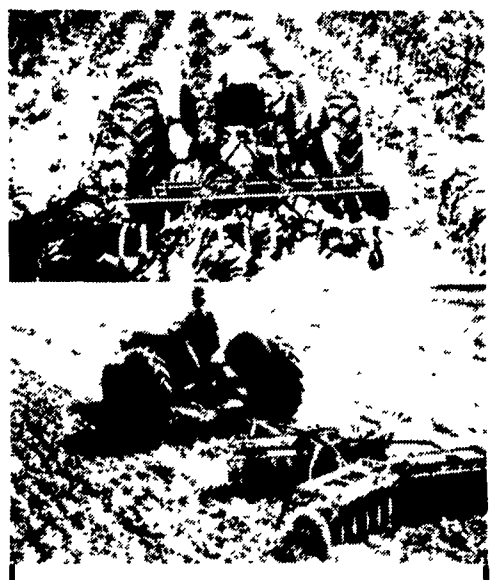

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To The
Massey Ferguson
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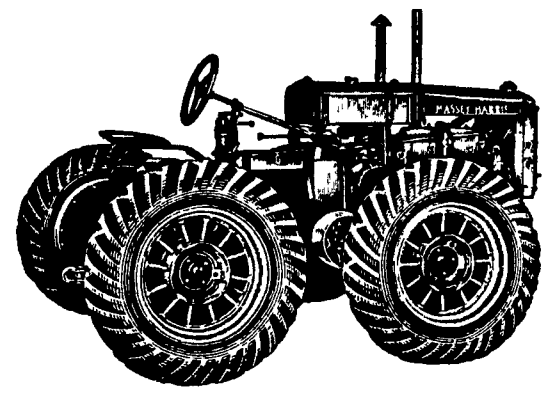

Designed for general purpose work under difficult traction conditions, the new Four Wheel Drive Tractor supplies positive traction 365 days in the year It farms land too difficult for horses —too rough for ordinary tractors If your land is hilly, if your soil is muddy or sandy, this is the tractor for you. A favorite with orchard owners everywhere.
Each of the four large drive wheels, kept in constant contact with the ground by an oscillating rear axle, takes its full share of the load Abundant traction per pound of weight—no skidding—no slippage—no side draft—no waste power. The new 1936 model features improved effortless steering, efficient master gear oil seals, and a new and more efficient four-cylinder motor that burns all grades of fuel. Supplies power from drawbar, belt pulley, or power take-off Pulls implements now on your farm or easy-to-change implements described on the following page

FOUR WHEEL DRIVE SPECIFICATIONS

ENGINE—4" bore, 4½" stroke, four cylinder, 1200 r.p.m. Vertical—valve-in-head—removable cylinder sleeves

CRANKSHAFT — Double-balanced, heat treated, three bearings, total bearing length, 7 7/16" — 2" diameter.

OIL SYSTEM—Dual system forced feed by gear pump and dip pan splash—Oil filtering device
Transmission—Oil Bath
Rear Axle—Oil Bath
Chassis—Alemite high pressure grease system

IGNITION—High tension magneto with impulse starter

FUEL—Gasoline, kerosene or distillate

AIR CLEANER—Massey-Harris, oil flush type

GOVERNOR — Variable speed, centrifugal type, enclosed and oiled by the pressure system

COOLING SYSTEM — Tubular type radiator, Centrifugal type water pump—18" fan. Mounted on ball bearings and driven by a "V" belt

CLUTCH—Single Plate, Twin Disc, hand operated

BELT PULLEY—12" diameter—6½" crown face, balanced removable, 800 r.p.m —2513 ft. per min. belt speed

TRANSMISSION—Massey-Harris special Gears drop forged steel—machine cut teeth, carburized and hardened, enclosed in dust proof case, running in oil

TRACTOR SPEEDS—Low 2.2 m r h , intermediate 3 2, high 4 m p h Reverse 2½ m p h

BEARINGS—Ball and roller throughout

BRAKES—Two, one for each front wheel mounted on differential

DRIVE WHEELS—Four, 38" dia , 8" face, open or closed wheels are optional

WHEEL BASE—52½"

TREAD—48", 56", 60", 66" and 76"

CLEARANCE—30" between axle and ground All widths of tread

TURNING RADIUS—Inside, without brakes, 6½ ft With brakes 3 ft

HITCH—Swinging drawbar

LUG EQUIPMENT — 2 bolt lugs furnished as standard equipment

POWER TAKEOFF (Extra equipment) — 545 r p m Standard 1¾" spline connection, 1¾" special

Our Heartfelt THANKS To All Our Friends And Customers Who Made Over 50 Years In Business Successful. We Are Looking Forward To Meeting You During Our Open House Sales Days To Help Us Celebrate!

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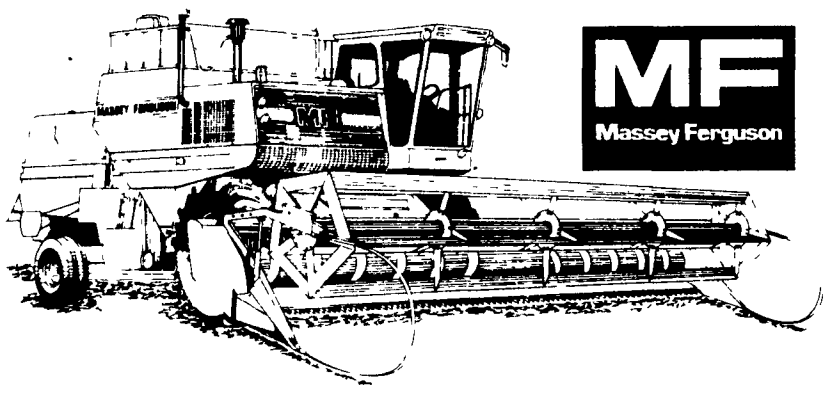
50th ANNIVERSARY SALES DAYS

December 23, 27, 30 & 31, 1985; January 2 thru 17, 1986

OPEN HOUSE on Thursday, January 2, 1986



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If you're ready to trade up to a pre-owned combine, we've got a combine and a very special offer for you. Come in now and get special MF financing. For cash/no-trade deals we can even offer some additional discounts. See us for full details before the year ends — and these offers end.

10% OFF ALL USED COMBINES, TRACTORS & EQUIPMENT...CASH & CARRY

USED MF COMBINES

1983 MF 850 Hydro	$48,000	1976 MF 750 Hydro	$12,500	1972 MF 300 Gas	$6,500
1980 MF 760 V8 Hydro	$35,000	1975 MF 750 Gear	$19,000	1971 MF 510 Gas	$8,500
1980 MF 760 V8 Hydro	$25,000	1975 MF 760 V8 Hydro	$15,000	1971 MF 510 Gear	$8,000
1980 MF 550 Hydro	$19,000	1975 MF 750 Hydro	$12,500	1971 MF 410 Gas	$6,500
1980 MF 540 Gear Drive	$18,000	1974 MF 760 V8 Hydro	$15,000	1972 MF 300 Gas	$6,000
1979 MF 760 Hydro 6 Cyl.	$29,000	1974 MF 760 Gear	$9,500	1971 MF 300 Gas	$6,000
1979 MF 760 V8 Hydro	$29,000	1973 MF 750 Gear	$12,500	1970 MF 300 Gas	$6,500
1978 MF 760 V8 Hydro	$22,000	1974 MF 760 Hydro	$14,000	1970 MF 300 Gas	$6,500
1978 MF 750 Hydro	$22,000	1972 MF 760 Hydro	$15,500	1968 MF 510 Hydro	$9,500
1976 MF 760 V8 Hydro	$18,000	1972 MF 510 Hydro	$12,000	1968 MF 510 Gear	$8,000
1976 MF 760 Hydro	$19,000	1972 MF 510 Gear	$9,000	1957 MH 82 Combine	$600

Above Combines Include Grain Tables, Less Cornheads, 61 Cornheads In 2, 4, 6 and 8 Row Sizes.

TILLAGE

Glencoe 11' Field Cult.	$1,900
Glencoe 9 Tooth Soilsaver	$6,900
MF 820 19' Wing Disc.	$7,500
MF 820 19' Wing Disc.	$8,500
MF 233 Disc Harrow	$4,100
MF 301 Soil Conditioner	$6,750
Amco F15B 18' Wing Disc.	$12,800
MF 730 Offset Plow Harrow	$3,500
MF 345 3/16 Reset Plow	$2,800
MF 345 3/16 Reset Plow Demo	$2,500
MF 43 2/16 Plow.	$1,150
MF 43 2/16 Plow Demo	$1,050
MF 43 3/16 Trip Plow	$1,650
MF 880 6/16 Hyd Reset.	$6,500
MF 880 4/16 Hyd Reset	$1,200
IH 550 4/14 Semi-Plow 2 @	$650
Oliver 46 3/16 Plow	$425
Semi-Plow 5/16	$700
Brady 10' Chisel Plow	$1,800
IH 45 3 Pt Field Culti.	$975
Bush Hog Offset Disc Harrow	$4,000
Kewanee 730 Wing Disc	$1,900
Dunham 12' Cultipacker	$1,290
McConnell 12' Field Cultivator	$900
Hesston 3 Row Harvester Head	$1,100
NH 818 SP 2 Row Forage Harvester	$1,900
Brillion 12' P.T. Field Cultivator	$1,100
Oliver 565 4-16 Semi Plow	$900
John Deere F-350 5-16 Hyd. Reset Semi Plow	$2,200

USED TRACTORS

MH Pony w/Plow & Culti.	$1,400
MH Pony w/Plow & Culti	$1,600
Farmall Super A w/Plow & Cult	$2,100
IH 574 Diesel Std.	$4,800
MF 175 D MP JB	$4,500
MF 175 D MP Std.	$4,300
MF 178 D	$4,800
(2) MF 1135 MP No Cab.	@ $9,000
MF 1155 MP & Cab.	$9,000
Ford County 1164 4 Wheel Drive	$6,800
MF 11 Industrial Shovel Loader	$9,500

HAYING & MISC. EQUIPMENT

E.Z. 16' Forage Box & 12 T. Gear	$5,700
Mott 72" Flail Mower	$1,575
Tye No-Till 10' Drill.	$8,500
MF 33 17 Run Grain & Fert. Drill	$2,200
MF 925 9' Haybine	$2,800
Belt 16' Aluminum Elev. w/Motor	$750
Electrospray 110 Gal. Air Sprayer	$2,650
Walsh 3 Pt. Sprayer w/Boom	$850
Danuser Wood Splitter	$700
Danuser Post Driver.	$1,300
Trail Blazer 3 pt. Crane	$129
(2) Trail Blazer 3 pt. Ball Fork	$195
MF 226 8' Scraper Blade.	$535
York 7' 40BC Scraper Blade.	$375
York 7' 55BC Scraper Blade.	$590
MF 222 5' Scraper Blade	$310
York RW 7' Landscape Rake	$1,275
Zimmerman 8 Ton Gear	$680
MF 5 5th Wheel Steer Gear	$350
E Z 6 Ton Gear	$525
E.Z 1074 10 Ton Gear	$1,150
Brady 12' Flail Chopper	$800
King Kutter 6' Rotary Cutter	$500

DEMO & RENTAL TRACTORS

MF 4880 4-Wheel Drive	$49,000	MF 670 Cab	$15,700
MF 3545 Cab M-P	$28,500	MF 250 8 Speed	$9,750
MF 670 Cab 4-Wheel	$20,500	Northwestern 81 Skid Steer w/Bucket	$14,500

NEW EQUIPMENT SPECIAL

MODEL 345 SPRING RESET 3 BOTTOM 16" PLOW with SPRING CUSHION COULTERS and COVER BOARDS

List Price $3,532.00

SPECIAL PRICE $2500.00

SERVICE SPECIAL

MF MASTER CS CERTIFIED SERVICE

MF Certified Service

Farm Equipment Does Not Breakdown When You Are Not Using It...But That's The Best Time To Repair It!

10% DISCOUNT ON PARTS USED ON MAJOR OVERHAULS OVER $500 DURING THE MONTH OF JANUARY 1986

SCHEDULE YOURS NOW!

MF Massey Ferguson

M.M. WEAVER & SONS, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23, 1½ miles Northeast of Leola on the No Groffdale Rd, 1 mile on the right, opposite Groffdale Mennonite Church

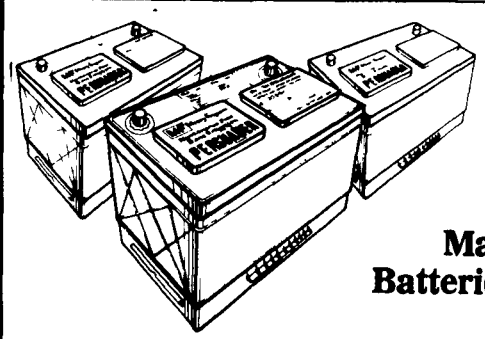
50th ANNIVERSARY SALES DAYS

■ PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT

Dec. 23, 27, 30 & 31, 1985; Jan. 2 thru 17, 1986

Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon
Closed Dec. 25 and Jan. 1
All Items Subject To Availability

WINTER SALE ITEMS

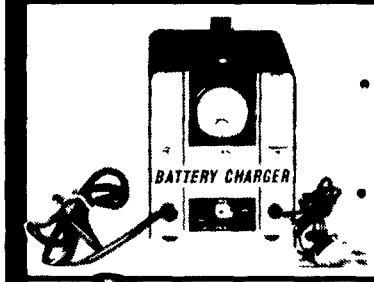


MF BATTERIES

Massey-Ferguson Batteries for all your needs

- Group 27, 284 - 795M1, Maintenance Free, 60 Month Guarantee. Pro-Rated, 595 Cold Crank AMPS
  List $80.40 — 25% SAVINGS = SALE $60.30
- Group 30H, 832 - 709M3, 36 Month Guarantee - Pro-Rated, 580 Cold Crank AMPS
  List $86.75 — 25% SAVINGS = SALE $65.05
- Group 24, 832 - 704M3, 48 Month Guarantee - Pro-Rated, 380 Cold Crank AMPS
  List $61.90 — 25% SAVINGS = SALE $46.40

ALL OTHER BATTERIES IN STOCK
20% OFF LIST



BATTERY CHARGERS

- 19-513A91, 20 Amp
  List $116.50 — SALE $87.05
- 19-512A91, 6 AMP
  List $53.90 — SALE $40.40

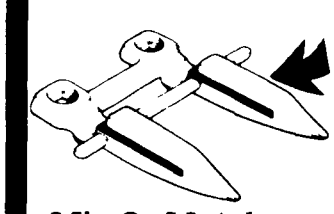
STARTING ETHER

- Starts stubborn engines in seconds
- Prolongs Battery Life
- Sprays to 65° below zero

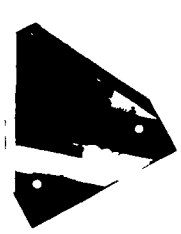
- HOT SHOT, 11 Fl. Oz. ..... SALE 99¢ Ea.
- Case Lot $11.88 LESS 5% $11.29

CUTTER BAR PARTS

It Takes Two Sharp Edges To Cut
Combine Guards!



BUY A GUARD - RECEIVE A SECTION FREE



Mix Or Match
Any Combine Sections ..... 85¢ ea.

ALL PURPOSE JACK

(Same As Handyman)

19-988A91 7,000 Lb. Capacity

List $59.60 SALE $40.50

LUBRICANTS

Selling Hydraulic Fluid Right Off The Trailer!

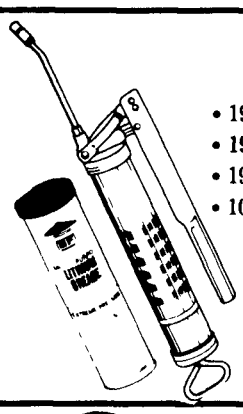
Offering The Lowest Prices....

UNIVERSAL HYDRAULIC FLUID
PERMATRAN III

Universal extreme pressure transmission & hydraulic fluid.

Stock One Oil For All Your Farm Equipment

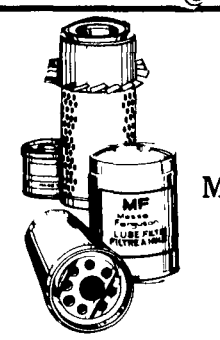
Lubricants	SALE	Cost Per Gal.
• Per III 841-743M1, 2½ Gal.	$ 12.35	$4.94
• Per III 841-744M1, 55 Gal. Drum	$221.40	$4.03
• Per III 841-784M1, 30 Gal. Drum	$132.88	$4.43
• SAE 15W40 841-738M1, Case 24 Qts.	$26.65	
• SAE 15W40 841-735M1, 55 Gal. Drum	$219.00	$3.98
• BRING YOUR OWN CONTAINER (Bulk)Per III		$4.75



GREASE AND GREASE GUNS

	List	SALE
• 1902-683M92 Lever Action	$9.15	$6.75
• 1904-778M91 Pistol Action	$15.12	$9.95
• 1902-684M91 Grease Hose	$3.20	$2.25
• 10 Pak 841-618M1 Lithium Grease	$9 90	$8.10

Approved by Bearing Companies
2% LESS CASE OF 50
$39.50



MF FILTERS

Lube, Fuel, Air, Hydraulic

Don't fall for look-a-likes - use Massey-Ferguson filters for better & longer engine life.

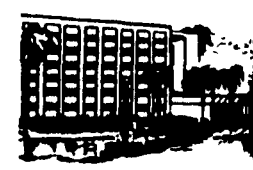
BUY ANY 6 FILTERS MIX OR MATCH, FOR 20% OFF REGULAR PRICE

GLENCOE CHISEL PLOW PARTS

	List	SALE
• P6167 L.H. Point HF	$13.53	$10.95
• P6168 R.H. Point HF	$13.53	$10.95
• P6118 20" Disc Blade Coulter	$19.50	$15.75
• SS4124RC One-Piece Soilsaver	$12.08	$10.75
• SS4124LC One-Piece Soilsaver	$12.08	$10.75

PARTS D... VACATI...

Radiss... Orland...
7501 West Spac... Kissimmee, Flori...



YOUR VACATION INLCU...
- ★ FREE! Deluxe Acomm... 2 Children Under...
- ★ FREE! Basket of Fruit...
- ★ FREE! Welcome Morn...
- ★ FREE! $250 Worth of Di... & Attractions!
- ★ FREE! EPCOT Centers... day Passport
- ★ A certificate That Makes... or Friends.

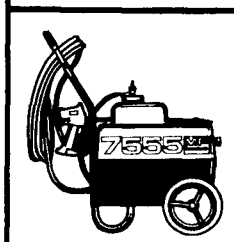
★ Tra...
NO GIMM...
JUST...

FIRE EX...

Don't b...

Install re... tinguishe... pens, on... made of... corrosive... with posi... easy read...

- 20004A91, 2½ Lb. ..
- 20005A91, 5 Lb. ...
- 20006A91, 10 Lb. ..



PR...
Purchase... and save... simple th... connect... in the ele... that's it!

- •7555
- • 7655
- • 8110

10% OFF ON ALL OTHER PARTS
Sold Over Counter From
Dec. 23 to Jan. 17, 1986
★ *Cash And Carry* ★

MF Massey Ferguson

M. M. W...
LEOLA, PENNA. 175...
PHONE: 717-656-23...

OPEN HOUSE

SPECIAL 1 DAY ONLY - THURSDAY, JANUARY 2, 1986

LUNCH WILL BE SERVED 11-2

Maintenance and Operation Seminars
10:30 A.M. Tractors
2:00 P.M. Combines

★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions
★ Join us during Open House for Fun & Fellowship

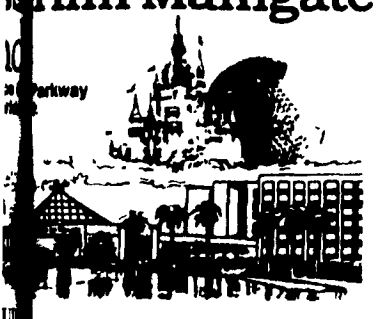
T. SPECIAL PACKAGE

Value of $550

ny Customer Purchase totalling $1,000 or More Will Receive FREE Florida Vacation Package!

FOUR DAYS AND THREE NIGHTS FREE LODGING AT THE

Inn Maingate



s For A Family of 4 (2 Adults and
rival
ee!
Coupons For Restaurants, Stores
day Ticket or Magic Kingdom All-
Trip Transferrable To Relatives
tion Not Included
★ NO LAND TOURS
IN THE SUN!!!

NGUISHERS

ught without protection!

e Massey-Ferguson Fire Ex- your home, the barn, animal tors and combines. They're y duty carbon steel with non- s, inside and out, and operate on-off squeeze grip; feature aterproof gauges.

List	SALE
$21.30	$17.60
$28.75	$23.72
$50.15	$41.42

Prevent A Fire

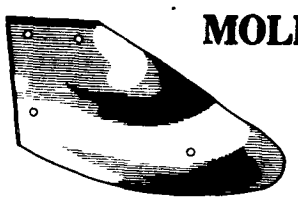
Buy A SURE WASHER

Massey-Ferguson Pressure Washer and money. Stop in today and see how achines are to operate. All you do is en hose to the pressure washer, plug l cord, add cleaning chemicals and

List	SALE
$469.00	$367.20
$570.00	$447.60
$2,077.00	$1,579.00

Subject To Availability

TILLAGE PARTS SALE



MOLDBOARD PLOW PARTS

Direct Shipment From Manufacturer To Us Allows For These LOW PRICES

There Is A Difference: 3 Layers Of Steel For:
• LONGER LIFE • SHOCK RESISTANT • LESS CRACKING

16 INCH 4 BOLT PLOW SHARES

	MF Reg. Price	D.S. PRICE
• 475-167 M1 Reg. Long	$11.25	$8.77
• 475-715M1 Heavy Duty Short	$17.65	$9.79
• 475-716M1 Heavy Duty Long	$20.35	$10.32

18 INCH 4 BOLT PLOW SHARES

• 475-823M1 Reg. Long	$14.50	$9.70

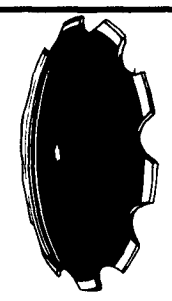
Fits All MF Plows

• 661-869 M91 Trashboard	$33.05	$11.62
• 660-020 M91 Shin	$17.97	$7.32

MOLDBOARDS

• 660-022 M91 14 Inch	$100.50	$50.66
• 660-206 M91 16 Inch	$104.50	$50.91

All Plow Shares Not Under Direct Ship Program Are 20% Less.
Plus The Best Warranty In The Industry!



Disc Blades

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center hole sizes available to fit non Massey-Ferguson machines

Number	Disc.	Dia	Ga.	Shaft Sizes	List	SALE
• 155-1904 671M1	Plain	20"	6 ga	1 1/8 Sq., 1 1/4 Sq.	$18.56.	$15.95
• 100-1904 669M1	Plain	20"	7 ga.	1 1/8 Sq., 1 1/4 Sq.	$16 53.	$14.25
• 150-1904 710M1	Plain	22"	6 ga	1 1/4 Sq., 1 1/2 Rd.	$22.82	$19.55
• 125-1904 712M1	Plain	22"	256	1 1/4 Sq., 1 1/2 Rd.	$30.00.	$25.75
• 50-1904 728M1	Plain	22"	6 ga	1 1/2 Sq., 1 3/4 Rd.	$22.82.	$19.55
• 45-1904 677M1	Notched	22"	6 ga	1 1/8 Sq., 1 1/4 Rd.	$25.55.	$21.95
• 25-1904 739M1	Notched	28"		1 1/2 Sq., 1 1/4 Rd.	$66.90.	$50.20

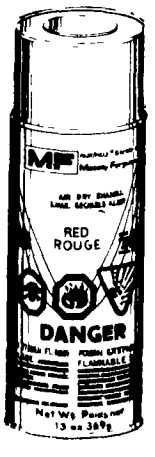
WEATHERED TWISTED CHISEL POINTS

- Heat treated, tumbled & varnished
- ½" thick for longer wear
- Fits 2¼" centers for 7/16" plow bolts

DF4995R	3x½x22 R.H.	$6.75
DF5995L	3x½x22 L.H.	$6.75

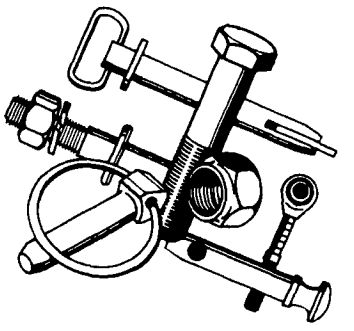
Massey Ferguson PAINT

Increase The Resale Value Of Your Machine With Massey Ferguson Paint!



HARDWARE AND HITCH PINS

Grade 5 Hardware
$1.50 Lb.



HITCH PINS w/RETAINER CHAIN

Number	Length	Dia.	List	SALE
• 30-149E91	6 in.	5/8 in.	$4.27	$3.68
• 30-151E91	6¼"	¾ in.	$4.73	$3.99
• 30-152E91	6¼"	7/8 in.	$6.27	$5.25

HITCH PINS w/PRESTO PIN

• 30-280E1	6¼"	5/8"	$2.67	$2.30
• 30-281E1	6¼"	¾"	$3.13	$2.75
• 30-282E1	6¼"	7/8"	$4.20	$3.50

LINCH PINS

- 6 For **$1.00** ..... Start w/6 Double Amount For **$2.00**
- 13 For **$2.00** Double Amount For **$3.00**
- 26 For **$3.00** ½ Times More For **$4.00**
- 39 For **$4.00** Or 10¢ Ea. For **$5.00**
- 50 For **$5.00**

TOP LINKS
AS LOW AS **$10.75**

NEW FROM MASSEY FERGUSON

POWERPART CHEMICALS

A Wide Variety Of Universal Products For Farm, Home, Industrial, Automotive, And Recreational Use.

SPECIAL OFFER
Penetrating Oil, 1904 866M1

BUY TWO, GET ONE FREE
Frees All Rusted, Frozen Or Corroded Lugs And Bolts

AVER & SONS, INC.

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

20% OFF Regular Price

15% OFF REGULAR PRICE

★ Bring Your Own Containers - Get Bulk Price
"BUY QUALITY"

QUAKER STATE MOTOR OIL

50th ANNIVERSARY

SALE

Dec. 23, 27, 30 & 31, 1985
Jan. 2 thru 17, 1986

COMBINE HEADQUARTERS

RED HOT DEALS ON WHEELS

BIG FACTORY DISCOUNTS

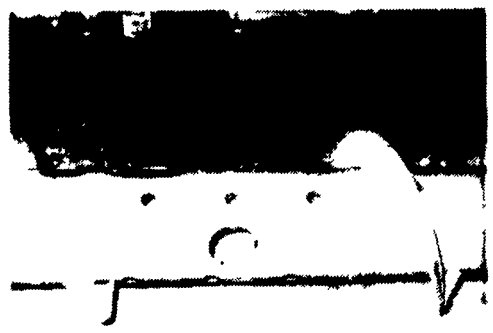
Get red hot deals on new Massey-Ferguson 3500 Series tractors. They're proven performers for 90 to 125 PTO horsepower jobs — 2 and 4 wheel drive. And now, you can take advantage of big factory discounts, plus special low-rate MF financing. C'mon in, now. Offers good for limited time only.

PLUS 9.9% APR MF FINANCING

SCHMIDT "HEAVY DUTY REBUILT TABLE AUGER"

Before Repair

After Repair



Damaged Or Broken Combine Table Augers Rebuilt Same As New!

No need to purchase a new auger when you can buy one that's rebuilt! Or have your auger repaired for less than one half of the new auger price!

Rebuilt augers are guaranteed to run true!
"They are jig repaired."

We Can Rebuild All Makes Of Augers

Call Now For Appointment And Price Quotation To Have Your Auger Repaired

---

Massey Ferguson

M.M. WEAVER & SONS, INC.

Leola, PA 17540
(717) 656-2321

Located 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church

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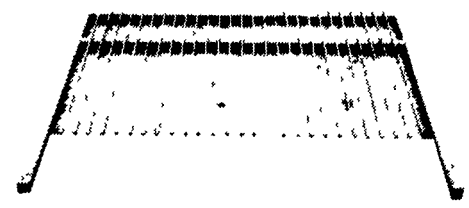
Weaverline



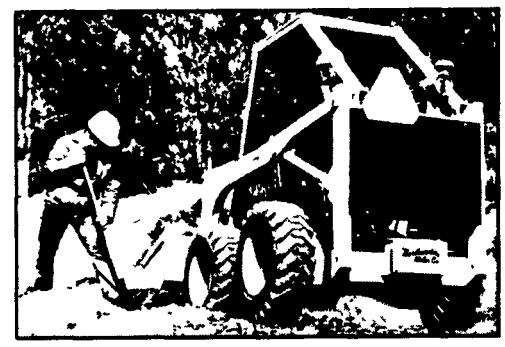
COB CORN GRATE

for M-F 750/850, 760/860 COMBINES

REPLACE THE REGULAR CORN SIEVES IN YOUR COMBINE WITH A WEAVERLINE COB CORN GRATE

- ★ Save More Cobs
- ★ Keep Out Corn Leaves And Husks
- ★ Extremely High Capacity
- ★ Simple, Rugged Design
- ★ Works Very Well On Hillsides

TOUGH, STABLE AND AFFORDABLE



NORTHWESTERN MOTOR COMPANY

SKID STEER LOADER FEATURES:

- A unique oscillating axle that smooths movement over rough terrain.
- 4-wheel drive that keeps you going.
- Dependable hydrostatic drive.
- A powerful 4-cyl. gas or diesel engine.
- A 40" wheel base for improved stability

List....$19,500

SALE **$14,500**

TAX TIP

Purchase Your New Equipment Before January 1, 1986 And Take Advantage Of Big Savings

To All Our Friends & Customers A Healthy & Prosperous New Year

COMBINES W/GOOD SELECTION OF HEADS

J.D. 6620 S.H., 800 Hrs., Real Nice; 6620 S.H.; 900 Hrs., 1 Owner, Just out of Harvest: JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen - Good; 6600 D. w/Grain, Good For $9,500; (69) 55 Sq. B. w/Cab, Corn Special; 55 Sq. B. w/Cab - Good; '74 JD 6600 D Hydro, real nice

IH (NEW) 1420 Axial Flow - Full Eq. w/820 Flex (SOLD); (Used) 1460 Axial Flow - 900 Hrs., $34,800, Very Nice; (76) 915 Dsl., C.A. Turbo Hydro; (73) 915 D. C.A. Turbo Hydro w/4R C.H. $9,800; 715 Gas - Good; 205 w/Cab & 10' G.H; 203 w/Grain & 227 C.H.

M.F. (77) 760 V8 Hydro w/Mud Hog Rear W.D., fully eq., nice; (80) 750 Gray Cab, 760 Hours - Nice; 550, Low Hours - Nice; (75) 510 D. Hydro w/Cab; (69) 510 D. w/Cab; 300 D. C.A. - 640 Hours, Excellent; 300 Gas - $2,850; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A. - Nice; #90 Pull Type.

(75) White 8600 D.C.A. Hydro w/15' Flex, $9,750; N.I. 702 & 705 Uni-Systems w/Full Eq.; N.I. 709 C.A. w/R.W.D.; 767 Super Chopper; 729 A Shellers, $1,200; NI 727 Husking Beds In Stock.

Combines Coming In: MF 850 Hydro, clean w/heads; '78 JD 6300 D. hydro. w/low hrs., extra nice; IH 1480 w/820 Flex & 8R C.H.; Gleaner F w/grain & like new 430 C.H; Gleaner F2 D, CA, grain, A430 C.H.; Used Combine Tracks for JD 6600 or 7700.

CORNHEADS: J.D. 843, 643, 444, 443, 343, 244, 243, (New) 443 - $9,300; 653 Row Crop; 313 (45), 334 (55), 205 (40) 234, 435; Late Model 643 & 443, like new; Late Model 444, 643-$5250 & up, 443-$4250 & up.

I.H. 883, 863, 844, 833, 744, 227.

A.C. GL 440, C440, A438, L438, M430, F430, F335, F330, K238.

M.F. 1163, 1143, 63, 44, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; White 706N; Ford 4-30"; Case (404) 4-40".

GRAIN HEADS: J.D. 12'-15' Incl. 213 & 215 & (2) JD 216 Flex, like new.

I.H. (New) 820 - 15' Flex, (Used) 820-17.5' Flex, $4,300; 810-13' Thru 16.5' w/Reg. or Floating Bar; 710-13'.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10', G15'.

N.I. 713 Flex Or Rigid, 711.

TRACTORS:

J.D. (New) 4450 C.A. P.S. w/FWD; new 4240 C.A.P.S.; (Used) 4640 C.A.P.S., Duals - 800 Hrs., Real Nice; 4640 C.A.Q.R. - Factory Duals; 4640 C.A.Q.R. - Snap On Duals; 4450 C.A.P.S. - 100 Hrs.; 4440 C.A.P.S. - Real Nice; 4440 C.A.Q.R.; 4240 C.A.P.S. - Nice; 4240 C.A.Q.R. 920 Hrs. - Excellent; 4240 Q.R. Fender; 2940 w/F.W.D. & 260 Loader, Low Hours; 2940 w/R.G.; 2840 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 6030 C.A., Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; 4630 - 8 Spd., Nice; 4430 C.A.Q.R.; 4230 C.A.Q.R.; 4230 P.S. w/R.G.; 4030-77, C.A., QR; Used JD 4430 R.G. & Q.R.; JD 4040 PS w/R.G.; JD 4030 Q.R. w/R.G.; JD 4030 w/Fender; JD 4230 D w/RG Enclosure; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; 7520 4 W.D. C.A. - Duals; (70) 5020 - $6,500; (67) 5020 w/Duals - No 3 Pt. $4,850; 4620 w/Cab & New Tires; 4520 w/Cab & Fresh Motor; 4320 w/Cab - Good; (8) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/Cab (SOLD); (2) 4020 w/158 Loader, 3020 D. S.C., W.F.E.; 2520 D.; 2020 D. w/Loader; 2020 Gas; 4010 D. - New Clutch, $5,450; 4010 D. $4,500; 4010 Gas; 730 D. P.S. w/3 Pt. - $3,450; 730 Gas w/3 Pt.; 630 Gas; 720 D. P.S. w/3 pt; 620 P.S.; 620 L.P., P.S.; 60; A, 3010 gas.

I.H. (New) 5088 Full EQ.; (New) 3688 Full EQ.; 5488 Full EQ., Radial Duals - Like New; 3588 2+2 Local - Full EQ. - 900 Hrs. - Like New; 1486 w/C.A., dual PTO, 3 outlets & dual wheels; 1586 C.A. Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 186 Hydro C.A. - Like New; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice, $9,500; 684 w/Cab; 1568 C.A. - 1,000 Hrs., Real Nice; 1468 C.A. - Nice - $8,500; 1566 C.A. - Black Stripe; 1566 w/Cab; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766 Original; 666 D., Real Nice; 674 D. 574 D. w/Loader; 574 D. - New Tires; 574 D. - $3,950; 354 Gas Utility; 1256 w/Cab, Nice; 756 D. -W.F.E. & F.H.; 756 G Hi-Clear; 656 D. Hydro w/2000 L; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D; 706 w/German Diesel - Very Good. 706 D. - W.F.E. - 3 pt. - $5,000; 706 W.F.E. - 3 pt. Gas; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; 606 Gas w/L. - $4,250; 560 D. w/F.H.; 460 w/Loader - Needs Trans. Work; 450 w/P.S. & F.H.; 230 w/F.H.; Super M, M w/W.F.E.; M & H, nice; Super C. W.F.E. - F.H.; C w/Cult.

A.C. (New) 8050 C.A.P.S. - Radial Tires, List 56, Cost 44, Our Price $32,850; (New) 6080; (New) 7010 w/20 Spd. - $18,750; (Used) 7045 C.A. - 20 Spd. - Real Nice; 7040 C.A.P.S., Like New; 7010 C.A.P.S. Full Wts., - Light Package - Like New; 6080 w/R.G. - Nice; 210 - New 20.8-38 Tires - Full Wts; 200 w/Cab - $7,850; 180 D. - W.F.E.; Good; D17 Series 4 - w/3 pt.; D15 W.F.E. - P.S. w/Hyd. Loader; D14 WF w/Hyd. Loader; WD - 45 w/A.C. Loader & P.S.

CASE (Used) 2590 C.A.P.S. - 925 Hrs. - Like New; 1690 C.A.P.S. - 100 Hrs.; 1370 C.A.P.S. Factory Duals - Full Wts.; 380 D. w/R.G.; 1070 - P.S. $6,850; 1410 w/R.G.; 930 C.K. w/3 pt.

M.F. 2675 w/R.G. w/1,000 Hrs.; 184-4 w/F.W.D.; 1155 C.A.M.P. - $8,500; 1135 C.A.M.P.; 1135 w/R.G. & Duals; 1130, 1100, 175 D w/R.G.; 90 D.; 65 D.; T030, T030 w/Loader.

FORD 9600 w/Cab; 7600 w/Dual Power - Nice; 5000 D. - Real Nice; TW-20 w/220 Hrs. - Damaged. 901 w/WF; 8N

OLIVER 1855 w/20.8-38 Tires - Original Paint; 2050 - $7,850; 1950 T w/Cab - $5,975; 1650 D. W.F.E. w/o Shift - Original; 880 D. W.F.E. & 3 Pt.; 1800 Needs Motorwork.

WHITE 4-210, 4WD w/duals, 3 pt. fully eq., 1600 hrs., real nice; (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $19,900; (2) 2-135 C.A.; 2-85 w/1840 Loader - Very Good.

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Tractors Coming In: Used 4630 C.A., nice; JD 2640 w/Hi Low, 38" Tires; Case 2090 C.A., PS; Case 2590, like new, C.A., P.S.; Case 1070 & 970 w/Cab; MF 285D; New IH 5488 w/42" duals, fully eq.

CORNPICKERS: N.I. (New) 324-2RW w/Super Sheller List $15,390 SALE $8,475; (New) 323 - 1R; (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324-2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers; 323 - Like New; 323 Nice - $2,500; 305 & 319 MNTD; JD 237 MNTD; JD 300, w/2 or 3R C.H.

N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

J.D. 5440 S/P w/R.W.D. C.A. - Hydro; 5200 S/P w/R.W.D. C.A. Hydro; 3960 - Elect. Controls; 3800 w/Elect. Controls; 38; 5200 S/P w/R.W.D. - Fire Damaged Cab.

N.H. 890, 782, 770, S717; 717.

FOX Super-D S/P - $4,950; 3310 w/3RN.

GEHL 600 w/2R; I.H. 830 w/3RN; IH 50 w/heads.

FLAIL CHOPPERS: (2) NH Used 38, I.H. 10 & 8; N.I. 4R Stalk Chopper; JD 16A.

FORAGE WAGONS: J.D. 716A w/Roof - Real Nice - $6,750; 716A - $3,450; N.H. #8 w/Roof, Real Nice; (2) HESSTON 7316 w/10 Ton Gear - 1 Yr. Old - $4,250; HESSTON #30 Stack Hand - $4,250.

HAY EQ.: BALERS: J.D. 336W w/Thrower - Real Nice; 346T w/Thrower; 466 - Big Baler For $5,000; JD Round 500 - $3,800. NH 310 w/Thrower; NH 320 w/Thrower; 280 W w/Motor; 275T; 273T w/Thrower; 69; M.F. 12; I.H. 440; N.I. 456 Round Baler.

RAKES: N.H. (New) 256; (Used) 258 w/Front Wheel (SOLD); 256.

N.I. (New) 406 w/Dolly Wheel - $2,275; (Used) 402.

J.D. 660 w/Dolly Wheel; I.H. 15; M.F. 20 - 3 pt. - 6 Bar.

GRIMM & LELY TEDDERS

HAYBINES: N.H. 1495 S/P Hydro C.A. - 1,100 Hrs. - Real Nice; 1495 S/P Hydro, ½ Cab - Fresh Motor Overhaul; (Used) 489, 488 Nice; (2) 479; 472 (Nice); 461; 467, 7'.

HESSTON PT-7; 1014-12' Hydro Swing $1,975.

I.H. 990 - $1,000; GEHL 880 - $1,000; M.C. (New) 7E Rotary Scythe - $4,850; (Used) 7E; N.I. 270 Cut/Ditioner $950; 279 - Good; N.H. 1034 Stack Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 737 Direct Cut For 717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; Hay Pickups.

J.D. 8' Direct-Cut Head; 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 7' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adapter plate; 5 JD C.H. harvester adapter plates.

I.H. 2 R.N. Silage For 550-650.

FOX 2 CSB 2RW - Snapper Head; 263-2 RW & 3RN Silage; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

N.I. 761 Pickup.

FIELD QUEEN 1413 Flail-Cutterhead, 8'.

PLANTERS: J.D. 7000-(New) 6R Cons. w/Dry Fert., Ins. & Monitor - $12,900; (Used) 7000-6R Cons. Liquid w/No Till; 7000 6-R Dry; 7000-4R Dry & Liquid; 1440-4RW; JD 7000, 8R 30", fully eq. w/no' til.

I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor; 400 Cyclo - 6R Liquid - $1,850; 400-4R Dry; #56 - 2RW D.D. - Dry.

WHITE 5100 - 6R Drl; OLIVER 5400-6R Dry w/Fill & Pop. Monitor - No-Till; A.C. 12R No Till Soybean.

DRILLS: JD 8300 (Like New) D.D. 100 Acres; 21x7 D.D. w/Soybean Att; 8300 21x7 D.D. - $3,250; 8200 D.D. 21x7.

I.H. 510 21x7 D.D. w/Press Whls; 510-16x7 S.D. w/Fert & Grass Seed; 510-18x7.

M.F. 43-22x7 w/Grass Seed $1,875; MOORE 10' No Till, Like New; BRILLION Seeder; N.I. 12' LIME Drill.

GRINDER/MIXERS: N.H. 357, 352 - $1,450; I.H. 1150 Nice.

TILLAGE EQ.: PLOWS JD 2+3x #845 Rollover; Oliver 3x Rollover; Oliver 4x Rollover; JD 4x16; Oliver 546 4x- Spring Reset; Oliver 5x Cushion Trip; DMI 5x; I.H. 5x16 Semi-Mount w/Spring Reset; OLIVER 546 - 5x16 Spring Reset; I.H. 700 - 6x16 Spring Reset; J.D. 2500 6x18 Spring Reset; WHITE 549 6x18 Spring Reset On-Land; J.D. 7x; Oliver 566 7x.

CHISEL PLOWS: JD 14' w/Gauge Wheels; Brillion 8'; Athens 9'; JD 150 10'-12'; (New) D.M.I. 12'; I.H. 55-12'; Brady 1000-14'; Sunflower Hyd. Fold 18' - $1,850; J.D. 1600 - 21' Hyd. Fold; (New) Landoll 230 - 23' Hyd. Fold.

DISCS: Crustbuster 10' Flex Offset; Miller 10' Offset; I.H. 370-15'; J.D. - 15'; A.C. 18'; J.D. 220-20' - Hyd. Fold; I.H. 480 - 20'; Kawanee 22'; A.C. 25' Hyd. Fold; JD 230, 20' hyd. fold.

MULCH TILLERS: M.F. 129 - 11'; J.D. 1710 - 11'; Krause 2800 - 14'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; Brillion 15' w/Inside Wheels; Brillion 21' - Hyd. Fold.

PACKERS: (New) Brillion - 12'; (New) Brillion 25' - Hyd. Fold; (Used) Brillion 21' - Hyd. Fold; Used 12 & 14' Packers.

CULTIVATORS: J.D. 4+6R Front Mount; RG4 - 3 Pt.; Littleston 4R-3 Pt.; Oliver 6R Front Mount; I.H. 4R Front Mount; 12' Field; J.D. 1000-25' - Hyd. Fold; I.H. 20' - Hyd. Fold.

HARROWS: I.H. 12' Drag; J.D. 16' & 20'; OLIVER 16'; Case #100-25'.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Sok-Finisher 12'9" - Like New; I.H. 18' Vibra Chisel; Howard 13' Rotavator; J.D. #400 Rotary Hoe; Bush Hog 7-Shank V-Ripper $1,650.

INDUSTRIAL: CRAWLER LOADERS: J.D. 450C, I.H. 500E Low Hours - Real Nice; CAT 955L, Nice; CAT 933; A.C. H-3 w/6 Way Blade; A.C. 500-21' Forklift; J.D. 840 Self Loading Scraper; Case 530 D. Loader/Backhoe; J.D. 3010D. Loader/Backhoe; Gehl 3000 & Bobcat 722 Skid Loaders.

LOADERS & BLADES: J.D. 48, 58, 145, 148, 158, 245; I.H. 2050; 2250; 2350; 2355 (New); FORD 772; White 1840, 1710; Great Bend 700 (New); DUNHAM LEHR Fits I.H. 400-560; Set Of Forks For I.H. 2000 & 2250L; I.H. 8' Blade Fits 400-560; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD.

LAWN & GARDEN: I.H. Cub, Cub 154 & 184 Lo-Boys; Cadet 682 & 128.

J.D. 400, 318, 317, 314, 212, 210, 208, 140, 112.

MISC: (New) Killbros Bins & Running Gears; Artsway 800B w/Elect. Scales - Like New, $6,250; Feedwagon Grain-O-Vator Feed Wagon; N.I. 213 Spreader; 214 Spreader w/Endgate; Bestland Rock Picker; J.D. 65 Blower; J.D. 350 Sickle Mower; Used 6' grain auger; (New) Sidewinder 213-13' Rotary Cutter (Incomplete), List $5,885 - As Is $1,650; Bush Hog 12' Rotary Cutter; (New) I.H. #80 Snow-Blower - 3 Pt.; (New) McKee Snow-Blower Front-Mount; TANDEM AXLE FERTILIZER SPREADER; 3 Pt. Hitch For J.D. 630 & 730; J.D. Quick-Couplers; (2) Sets Of Press Wheels For J.D. Drills; (2) New Sets J.D. 38" Cast Whls. & Rim For 4640; I.H. Flat Top Fenders For 706-1466; CABS For Tractors - J.D., I.H. 66 Series; (New) Full Vision Cabs For M.F. 165 Thru 1135; Dual Wheels; J.D. & I.H. Front & Rear Wts.; J.D. & I.H. Roll-Guards.

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- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 600 Snapper Head
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- NH 479 Windrower
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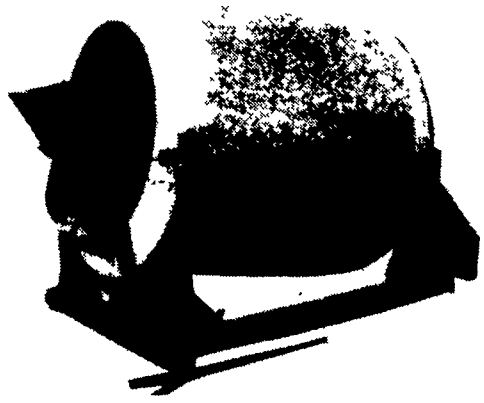

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Ford 6000	$ 2,900
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JD 4440 w/SG, 500 hrs.	$25,500
JD 3010	$ 5,500
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IH 1486 w/Duals	$16,900
IH BN w/Cult.	$900
Long 450 Dsl	$4,500
IHC w/Equip.	$1,900
JD 2940	$15,000
JD 730 Dsl	$ 3,500

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JD 6620 Sidehill w/643 C.H. & JD 215 Flex Head	Call for Price
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MF 300 Massey w/heads	$ 6,500

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JD 4 Row Consv. Liquid	$ 7,500
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JD Cons. 7000 6R. Liquid	
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Hesston PT10 Mower Conditioner	$ 1,800
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NI 801 Power Unit, 4WD w/818 Combine & 846N Corn Head, 800 Hrs.
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MF 1010, 4WD Tractor, 16 5 h p
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MF 250, 8 spd Tractor, 40 h p
MF 283 8 spd Tractor, row crop
MF 1143 corn head
MF 1144 corn head
Mitsubishi 160, 4WD Tractor 16 5 h p
Misubishi 180, 4WD Tractor 18.5 h p
MF 220 Baler
MF 224 Baler
MF 212 Bale Thrower
MF 133 Chisel Plow, 3 pt
MF 585 8½' Rake
MF 925 9' Haybine
Pequea Hay Tedders
Woods Mowers
Owatonna 345 Skid Steer Loader

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1982 MF 245 Tractor
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1974 JD 4430 Tractor w/cab
1974 JD 4630 Tractor
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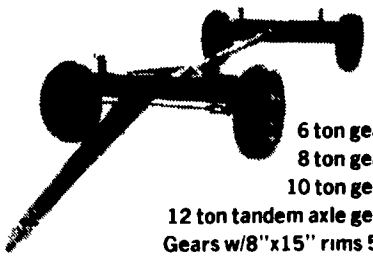

6 ton gear $390
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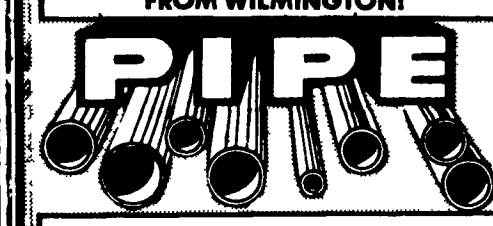

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IH 1256
IH 766
IH 674
IH 574
IH 484
IH 544
IH 544 Hydro & Loader
IH 385 SOLD
IH 284
IH M
IH H SOLD der
IH Cub & Mower
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NI 270 Cut-ditioner
IH 720, 618 Plow
IH No. 10 Drill
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Jan. 1, 1986

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NH 216 Manure Spreader
NI 213 Manure Spreader New Web, Good Condition
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(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill (Rental)
(1) 23' Twin Rake (Demo)
(1) 605H Baler, was $9,000—Now reduced To $8,000!
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(2) Single 4 wheel Rakes
(12) 100-500 gal. Sprayers w/elec. & manual controls & ground drive pumps
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(3) 1210 Round Balers
(1) 8-Wheel V-Rake
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(2) 4-Basket Tedders

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(1) Vermeer 605E, $3,400
(1) Vermeer 504G, $6,500
(1) Vermeer 6050 Baler
(2) CM 240 Disc Mowers (Demo)
(1) Vermeer 403F Baler, $5,200
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(1) 9 ft. NI Cutditioner
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NI 5 Wheel rake
NH 256 Rake
NH #518 Manure Spreader
White 5400 Air Planter, No-till
AC K Combine
JD 1209 Haybine
NH 469 Haybine
(2) NH 479 Haybines
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AC 7000 Tractor
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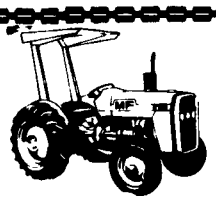

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MF 50C Tractor w/Loader & Cab
MF 760 Combine w/Attchs.

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MF 240 Tractor
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MF 1010 Tractor
MF 236 Loader
MF #43 2R Plow
MF 427 No-Till Drill
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
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NH 28 Blower
NH 717 N2 Corn Head
NH 489 Haybine
Butler Oswalt 1830 Ensilmixer
IH 56 Blower
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IH 706 Gas, NF, $2875
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1&2 Rows Pull Type & mounted Also, 50 for parts

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3 pt. 6,7 & 8'
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2, 3, 4, and 6 Rows

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New 3 Pt. Equipment

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NH 1495 SP Haybine, Hydrastatic Drive
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760 Uni Chopper
762 Chopper Head (2 Row)
724 Stripper Head (3 Row Wide)
729 A Sheller
766 Pickup Head
844 N Cornhead
717 Combine

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NI 213 Manure Spreader
NI 245 Manure Spreader w/End Gate
NI 218 Spreader w/Hyd. Endgate
NI 206 Ground Drive Spreader
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1976 KKS Gleaner Combine w/10 ft. Hdr.
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M F. Qt. 24 Corn Head
MF 322 Corn Head (3 Row Wide)

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JD 620 Tractor

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NH 469 Haybine
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NH 770 R-2 Chopper Head (2 Row Wide)
NH 880 N-2 Corn Head
890A, 890W, 890-N-3 (3 Row Narrow Chopper Head)
NH Super 23 Forage Blower
NH 27 Forage Blower
NH 717 Super Forage Chopper
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Hesston 1010 Hydroswing Haybine
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Fahr 17 Ft. Hay Tedder
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741 1 Row Chopper Head

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NH 352 Grinder Mixer
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NH 78 Baler w/ Thrower
(2) NH 469 Haybine
NH 488 Haybine
Glenco 13 ft. Field Cultivator
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
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IH Conser-Til
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JD 2640 Tractor
JD 2440 Tractor w/Loader
JD 2440 Tractor
JD 7700 Combine
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JD 6620 Side Hill Combine
JD 4400 Combine w/4R C.H. & Platform

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(2) Ford 5000
Ford 5 SOLD DS
Ford 6610
Ford 6610, 4WD
Ford 7000
Ford 7400, 4WD & DP
Ford 7600 DP
Ford 7600 w/cab & DP
Ford 8200, 4WD 110 h p
Ford 7700 w/cab & DP
Ford 9700 cab, DP
Ford TW15 w/cab & air
Ford TW20
JD 2130 1978 w/cab H 4WD
JD 2130
JD 3040 Mech 4WD
JD 3040 w/cab
JD SOLD
(3) JD 4040 2WD
(2) JD 4240 4WD cab & air
JD 4 SOLD WD
JD 4440, 4WD
IH 856
IH 330 Utility
Case 2090, 2 WD w/cab & air
Case 2290, 2WD w/cab & air power shift
Oliver 1465

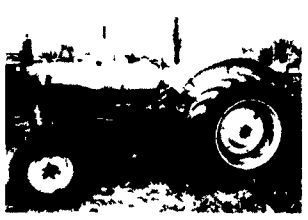
New MT 160, 4WD
New MT 160, 4WD w/loader
New MT 210 4WD w/loader

We are now your authorized Mitsubishi Dealer

We also have a large inventory of tractors at our other location at 4530 Olde Scotland Rd., ¼ mile off Exit 8 on 696 North.

¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30-5:00 Mon.-Fri.
8:30 - 12:00 Saturdays

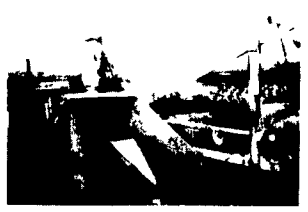
YEAR-END USED TRACTOR CLEARANCE



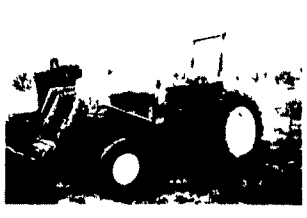
#15866 Ford 4000 Tractor
Reg. $4,825
SALE $3,975

#15933 Gehl 1600 Round Baler
Excellent
Reg. $6,800
SALE $5,495

#15100 J.D. 1209 Haybine (P.T.)
Reg. $6,615
SALE $5,400

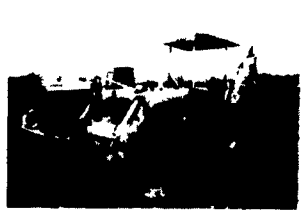


#14414 Gehl CB600 Harvester w/2 Row & N Head
Reg. $7,219
SALE $4,500

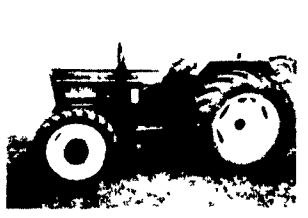


#14340 Ford 7710 w/777D Ldr
700 Hrs
Reg $23,625
SALE $17,500

#15626 Ford 9N Tractor
Reg. $2,735
SALE $2,395

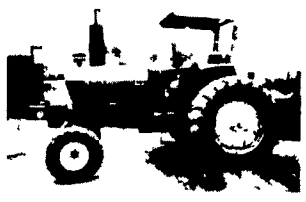


#16151 Ford 4500 TLB
Reg. $11,500
SALE $10,500

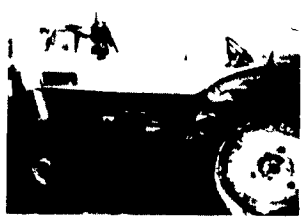


#06199 Allis Chalmers 5050DT
Reg. $13,330
SALE $10,975

#06251 Farmall C w/Ldr. & Cult.
Reg. $1,885
SALE $1,395

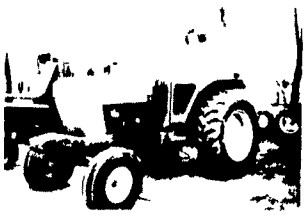


#15106 Ford TW10 Tractor
Reg. $17,250
SALE $15,500



#15401 Ford 6000 Tractor (as is)
Reg. $1,500
SALE $1,050

#16174 Massey Ferguson 255
Reg $9,825
SALE $7,500



#15171 Ford 7710 Lease Tractor

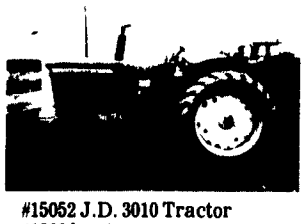
#16087 IH 4140 Skid Ldr.
Excellent Cond.
Reg. $10,650
SALE $7,950

#14972 Owatanna Skid Ldr.
Reg. $5,065
SALE $4,975

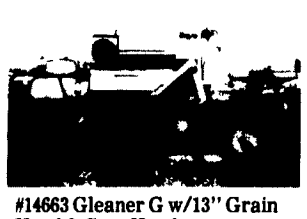
#16078 Case Ldr Tractor
Reg. $12,900
SALE $11,900

#16154 IH 504
Reg. $3,985
SALE $3,495

#15985 CASE 580
Tractor Loader Backhoe
Reg. $8,500
SALE $7,500



#15052 J.D. 3010 Tractor
(1800 hrs.)
Reg. $5,400
SALE $3,900



#14663 Gleaner G w/13" Grain Head & Corn Head
Reg. $17,550
SALE $13,500
Waiver Till Sept. 1, 1986

Take Advantage Of Year-End Tax Investment Credit

Wishing You A Very Happy New Year

R. 7 Lebanon, Pa. 17042
Rt. 419 1 mile West of Schaefferstown, Buffalo Springs Lebanon County

KELLER BROS. TRACTOR CO.

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PARTS ★ SALES ★ SERVICE

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NEW TOLL FREE NO.
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Badger | JOHN DEERE | HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS

MF 135 w/loader
MF 65 Gas
MM 445 w/loader
JD 2550 w/cab
JD 2640 w/15 5x38
JD 2940
AC 190XT Series III
JD 5400 SP Harvesters
IH 154 Lo Boy w/Mower
Ford NAA Jubilee
Farmall M

TILLAGE EQUIPMENT

10' Miller Disk
White 18' Wing Disk
Oliver 10' Disk
JD 8' 3 pt "Y" Disk
Pittsburg 9' Disk
JD 325 3 btm plow
JD 350 4 btm plow
JD 125 4 btm plow
JD 1 btm plow to fit M
JD 345 4 btm plow

PLANTING EQUIPMENT

JD 7000 4 Row Wide
JD 449A Planter
JD FB A 17 7 Grain Drill

MISC. EQUIPMENT

Chromalloy Tank Spreader
JD 205 3 pt Rotary Mower
Ford 5' 3 pt Rotary
JD 145 Loader
16 Harvest Handler Elevator

Dec. Special
New Badger 220 Bu Spreader $3995.00

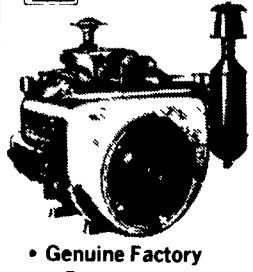
OTHER NEW EQUIPMENT SPECIALS

Badger 7' Mower Cond.	$6200.00
Henke 1000 RPM Blower	$2700.00
Badger 540 Blower	$2650.00
Badger 1000 RPM Blower	$2550.00
Glencoe 15½' Field Cult.	$2875.00
Glencoe 12½' Field Cult.	$2525.00
Koykor 35' PTO Auger	$1350.00

PIKEVILLE EQUIPMENT, INC.

R D 2, Oley, PA
Phone 215-987-6277
Berks County's Full Line John Deere Dealer-
Serving The Oley Valley 49 Years, 1936 1985

NEW & USED ENGINES



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- Complete Overhauls & Tune-ups
- Engine Application Engineering
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GOING OUT OF BUSINESS SALE
ALL ITEMS MUST GO

FARM IMPLEMENTS
AW Disc
JD 950 Roller Harrow
JD 1450 - 6 Bottom Plow
Bush Hog Disc 18'
4' PTO Mott Mower
JD 213 Grain Platform

USED COMBINES
JD 4400 Diesel

AUTOMOBILES
1978 Coupe Deville

USED TRACTORS
JD 4440 JD 4040

LAWN TRACTORS
JD 110 Tractor

NEW & SHOP WORN
18' Bale King Body
Dynco 8' Snow Plow
K & W Front Blade 6'
G & B Loader
3 Pt Lgt. Log Splitter
21' CLW Bale Body

ANTIQUE PARTS & PARTS CATALOGS ALSO AVAILABLE

N6 COMBINE w/6 ROW HEAD & GRAIN HEAD
ALL 1985 UPDATING KITS ON IT

TRACTORS

AC 7030	AC 7010D	AC XT190D	IH 806
AC 7060	AC 200	AC 180D	JD 2010
AC 7040D	AC 210	AC D19D	MF 65G
AC 7045D	Oliver Super 77	AC D14	Case 1490
AC 7050D	AC 655 Crawler	AC 5050D	JD 450 Crawler
AC 7020D	AC 7000D	AC 5040D	Oliver 1650D

329 Super Sheller Unit for New Idea Picker

USED COMBINES (LIKE NEW)
A.C. Models: G-C-N-L-F
These Combines are in Excellent Condition

NI 702 UNI-HARVESTER
w/2 Row Sheller

NI 708 UNI-SYSTEM, HYDRO DRIVE
w/717 COMBINE, CORNHEAD & GRAINHEAD

USED FORAGE HARVESTORS:
GEHL, I.H., N.H.

GRUMELLI FARM SERVICE

bobcat

Quarryville, Pa.
717-786-7318

DEUTZ ALLIS

USED COMBINES

Waiver of Interest till September 1, 1986

- '81 JD 8820 4 wheel drive, factory duals, 1270 hrs., with 220 flex cutter. Excellent Shape. **$62,500**
- '71 JD 7700 w/15' cutter bar
- '75 JD 7700 - Rotary Screen, 16' Platform
- '77 MF 510 w/16' cutter bar & 4 row corn head $7,500

CORN HEADS
Good Selection of John Deere
443-444-643-644-843
Cornheads

USED TRACTORS

Waiver of Interest Till April 1, 1986

- '81 DX 120 Deutz w/18.4x38 Tires
- '79 IH 184 Low Boy w/60" Woods Mower
- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to **$19,500.**
- '80 JD 2440 w/145 Loader

CORN PLANTERS

- AC 770 6 row air planter, liq. fert., monitor, insect.
- Int. 8 Row 30, 3 pt. Cyclone Planter

MISCELLANEOUS EQUIP.

- JD 115 disk harrow, 10' 2" w/ Midwest harrow, like new, done 20 ac.
- JD 210 disc harrow 14'3", Midwest Buster Bar attach.
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch

W.N. COOPER & SON, INC.

Morgnec Rd. Rt. 291
Chestertown, MD
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RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

2094 Case Tractor
With Cab, Nice, Radar Equipped
20.4x38 Rears 11.00x16 Fronts

2094 Case w/cab
475 disk, 17'5"
16x7 comb. drill
370 disc, 11'6"
720 auto. reset 5 btm.
800 Cyclo planters, 4R
IH 5500 trailing chisel plow 10'
IH 5500 mtd. chisel plow, 9'
IH 5500 mtd chisel plow, 7'

USED EQUIPMENT

#475 Disc 17' 5"
22" Notch Discs,
Used One Season

IH 1456 w/cab
IH 1256 Tractor
500 Crawler R/C
666 Farmall G
Farmall H
Farmall C
Farmall SC w/Cults
Massey GF22 Tractor
154 LoBoy w/Mower
IH 5100, comb. drill, 16x7
Haines bulk bodies
Massey Harris drill 16x7
Potato planters
Case 230 Baler
Gehl CB 400 Forage Harvester 1 Row Corn Head, Hay Pickup
Iron Age potato planter, 2 row
IH forage blower
Holland transplanter
IH 45 Baler
IH 710 3-btm auto trip
IH 4 btm. semi-mtd plow
Haines Stone Pickers
(2) IH 234 Corn Pickers
NH #352 Mixer
NH S68 Baler
IH 1150 Grinder-Mixer
JD 7000 Corn Planter
IH 456 Corn Planters
Int #16 Forage Harvester
Lilliston Rotary Mower

Case 680 B Backhoe
New Year's Special!

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Low Rate Financing or
Waiver of Finance

RD 1, Ringtown, PA
717-889-3184
Since 1949

WISCONSIN HEAVY DUTY ENGINES

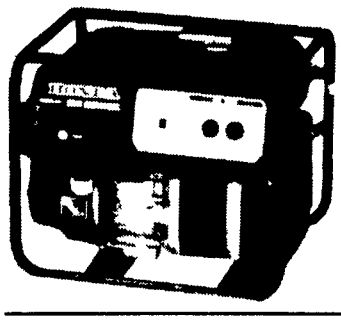
- V465D 65.9 HP w/Clutch . . . **$3455**
- V465D 65.9 HP N.H. Repl . . **$2875**
- VG4D 37 HP w/Clutch Reduction **$2850**
- VH4D, 30 HP, Case Repl. **$1995**
- VH4D, 30 HP, Bobcat Repl. **$1795**
- VH4D w/Clutch Reduction **$2050**

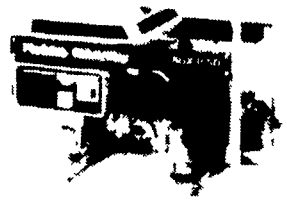
(Repl. Engines in stock to fit most popular skid loaders)

WISCONSIN ROBIN SPECIAL
30% to 44% Off List

- W1 145, 3.5 HP, Recoil, Free U.P.S. **$160**
- W1 145, 3.5 HP, Pump Shaft. **$195**
- EY183W, 4.6 HP, Recoil. **$215**
- EY25W, 6.5 HP, Recoil. **$245**
- EY27W, 7.5 HP, Recoil. **$310**
- EY27W, 7.5 HP, 6-1 Reduction **$380**
- EY27W, 7.5 HP, Pump Shaft. **$305**
- EY27W, 7.5 HP, Electric **$445**

ROBIN & HONDA
Industrial Generators





1200 To 4000 Watts

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OPEN HOUSE SPECIALS

December 30-31, 1985 8 AM - 5 PM
• ALL ITEMS IN STOCK • CASH & CARRY (F O B Hughesville, PA)
Refreshments And Door Prizes

NEW MACHINERY

Woods Pedestal Boom w/Cylinder & Hoses.	$500	White #5100 4 Row No-Till Planter	$7,000
Woods RB700 Rear Blade	$500	White #5100 6 Row No-Till Planter	$9,200
Woods RB7 Rear Blade	$265	White #264 12 ft Disc	$3,600
Woods RM600 Rear Finish Mower	$1,250	White #256 13 ft. Disc	$2,000
NH #8 Wagon Box	$3,500	White #425 10 ft. Chisel Plow	$2,800
NH #474 Haybine	$5,850	Brillion 16 ft. Transport Harrow	$2,500
NH #472 Haybine	$5,200	Zimmerman 36 ft Elevator, #62 Chain	$1,675
NH #355 Grinder Mixer.	$6,150	Electric Wheel Wagon - 8 Ton	$700
NH #358 Grinder Mixer.	$7,750		

15% Off ALL New Holland & White Parts and IN STORE ITEMS (Not already on Special)

FERTILIZER

5-10-10 (Blend)	$115 per ton
10-10-10 w/Sulfate	$128 per ton
10-20-20 (Blend)	$170 per ton
46% Urea (Granular)	$175 per ton
Ammon. Nitrate	$175 per ton
10-10-10 (Ammon)	$150 per ton
10-20-20 (Ammon.)	$195 per ton

CHEMICALS

Paraquat	$39 per gal.
Atrazine 4L	$7.35 per gal.
Lasso	$18 per gal.
Bladex 4L	$16.25 per gal.
Bladex 80W	$3.25 per lb.
Lorox	$5.25 per lb.
Toxaphene	$11 per gal.
Banvel	$47 per gal.
Furdan 15G	$1.34 per lb.
Bicep 4L	$16.50 per gal.
Dual	$45 per gal.
Isotox	$6 per can
24D	$7.25 per gal. in 2½ gal.

SEED

WL 316 Alfalfa	Ask
WL 320 Alfalfa	Ask
Saranac AR Alfalfa	$90 per bag
440VW Alfalfa	$112.50 per bag
Medium Red Clover	$55 per 50 lb.
Common Timothy	$30 per 50 lb.
Climax Timothy	$35 per 50 lb.
Baylor Bromegrass	$60 per bag
Certified Seed Oats	$3.50 per bu.

MISCELLANEOUS

11 h p 5,000 watt Generator	$650
Bulldozer Fencer	$45
#14 Aluminum Shovel 27 in handle	$19
Lion 3½x8 Cylinder	$50
Clover Baler Twine	$15
Mixing Salt - 80 lb bag	$3.50
Barbed Wire	$26

* Pa Sales Tax will be charged on taxable items

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USED EQUIPMENT

SPREADERS
NH 365 Tank Spreader
NH 791
NH 510
NI 208 Spreader
JD 40 Spreader
JD 790 Tank Spreader

HAY & FORAGE
JD 510 Round Baler, Excel.
NH 282 w/Thrower
NH 268 w/Thrower
IH 47 & JD 24T Balers
JD 38 & 35 Harvesters
NH 880 Harvester w/Grass & 2 Row Corn Head
(2) JD 216 Forage Wagons
JD 65 Blower
JD 1209 Mower-Conditioner

LOADERS
JD 260 Loader
JD 148 Loader
OMC 320 Skid Loader

TRACTORS
JD 2940, 3020, 4000 & 4020
JD 4240 SGB, QR
JD 3010 w/148 Loader
Farmall 460 w/Loader
JD 4240 P.S., Low Hrs., SGB Loaded
Set of 34" Duals
Set 36" Wheels

TILLAGE
JD 3 BT 14" Plow
IH 8 ft. Disk
JD KBA 9 Ft. Disk
JD JBA 7 Ft. Disk
Oliver 4 BT 16" Plow
Case 3 BT
JD 1600 8 Tooth Chisel Plow
IH 350 Disk

PLANTERS
JD 1440 No-Till
JD 1300
JD 494 A
IH 13 Disk Grain Drill

NI 311 2 Row Pull Picker
NI 2 Row Mounted Picker
(2) Gravity Bin Wagons
Walsh Sprayer

Lawn & Garden Equipment

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JD 4440 Sharp
JD 5020 New Engine
JD 2840 Solid
JD 2510 Gas
MF 2705 w/Duals
JD 950 w/Loader
JD 7000 Corn Planter
JD 400 Rotary Hoe

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10% Discount on Parts & Labor for Baler Reconditioning until Mar. 15, 1986

TRACTORS
AC 170
(2) AC 190XT
AC 7000, PS, ROPS
AC 7020
AC 7040
AC 7060
AC 7080
AC 210
Case 500
Kubota B7100 HSE w/RC6000 Mower
Kubota L245 w/Mid Mount Mower
IH 986

LOADERS & FORKLIFTS
NH 425 Skid
(2) AC Model 50LPS
AC Model 50
AC Model C40X
AC 715 Backhoe
NH L445
AC 540
JD 170
IH 4130 Skid

MOWER CONDITIONERS
Hesston PT 10
NH 479
NH 1495 D w/12' Head
NH 1495 Plan.
NH 1469 SP 9'
(3) NH 489
NH 488
NH 490
NH 495
NH 1495 SP, 12' Hyd., C/A

PLOWS
AC 5 Bottom 18"
IH 4 Bot. mounted

FORAGE EQUIPMENT
IH 830 w/2RN
NH 919 N4
NH 890 W
Gehl Flail
NH 770R2
NH 890N3
NH 1890 Hydro C/A w/2 Heads, w/550 hrs.
NH 38 Chopper
NH 880 R2 Head
(4) NH 822 Corn Head
(2) NH 28 Blowers

COMBINES
NH 995 with Grain and Corn Head
NH TR70 w/960 and 962W4
Gleaner E w/3 Heads
AC C II w/2 Heads
AC FKS2 w/430 Corn Head and 313 Flex Head
AC G440 Corn Head

SPREADERS
NH 520 w/End Gate
NI 244 w/End Gate
NH 791
NH 519
NH 346
NH 329

WAGONS
NH 1003 Bale
Running Gear
Grove Fg.
(2) Dion Fg. Wagons

PLANTERS
AC 7R Bean
(2) AC 600 4R no-till
AC 600 6R no-till

Replace your worn heads w/2, 3, or 4 Row Heads. New & used available. Fit 770, 782, 880, 890, 1890, & 1895.

MISCELLANEOUS
Brillion STS 10 Trans. Harrow
Brillion 10' Pulvimulcher
NH 85 Bale Handler
NH 80 Bale Mover
1979 Ford Dump Truck
Buster Bar for Disc
Hub 48' Elevator
Gleancoe 7 Shank Soil Saver

LAWN & GARDEN
Simplicity w/Attach.
AC 712H w/42" Mower
AC 410
AC B10
AC Big 10
AC 720 5' Cut

BALERS
(2) NH 851 Auto Wrap
(3) NH 273 w/54A Thrower
NH 326 w/¼ Bale Chute
NH 320 w/58 Thrower
NH 320 w/70 Thrower
NH 315 w/Chute
IH 440
JD 466 Wire

MOWERS
Bush Hog Batwing
Ford 906 Rotary
Woods RM 48
(2) NH 451
(3) 462 Disc
NH 463 Disc
Vicon Disc

RAKES
NH 256
(4) NH 258
(3) NH 260
(3) V-Tandem Hitch Ford
NH 158 Tedder

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A Real Tractor, Not An Over-Grown Lawn Mower

The economic solution.

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Just Compare Some Of Our Standard Features!

- A Superior Air-Cooled Engine
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- Hydrostatic Power Steering
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- 4255 Lb. Bare Operating Weight
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MESSICK FARM EQUIPMENT, INC.
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Elizabethtown, PA 17022
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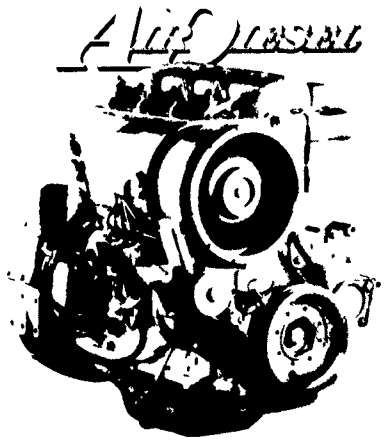
RD #2
Marion Center PA 15759
(412) 286-9606

LINCOLN SUPPLY CO.
RD 2 Box 217A
Somerset PA 15501
(814) 443-1691

REICHS FORD TRUCK & TRACTOR
8016 Reichs Ford Rd
Frederick MD 21701
(301) 662-7622

J & M MACHINERY CO.
Rt 22 & 819
Greensburg PA 15601
(412) 668-2276

30 YEARS AGO Our Dad Bet His Future On This Unconventional Diesel Engine... HE WON!



YOU CAN BE A WINNER, TOO!

Buy DEUTZ Diesel Powered Equipment Or Power Units And Get The LOWEST LIFE-CYCLE COSTS In The Industry - Plus - Kick The Hassles Of Liquid Cooling Systems.

Think About It... Our Dad Did And He Went With DEUTZ

KHD DEUTZ

Serving Eastern and Western PA with retail, wholesale and O.E.M. sales

Stauffer Diesel Inc.

R.D. #3, Box 659B Pleasant Valley Road
Ephrata, PA 17522
(717) 738-2500

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

TELEX 316290

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A w/Widefront	$1500
3010 Gas-Try	$2700
730 Gas-Try	$2900
R-New Paint	$2900
730D-Try-3 pt.-Direct Ele.	$3200
420-WF-3 pt.	$3450
3010-WF-3 pt.-Diesel	$3500
2020-Poor	$3850
730 Diesel-Try-3 pt.	$3900
435 Diesel-WF-3 pt.	$3950
730 Diesel-WF-3 pt.	$4500
JD 301-WF-3 pt.-1971-RCP	$4850
JD 2010 w/Loader	$4900
4020D-Diff.-1967-As Is	$5400
3020 Gas-Console-WF	$5900
3020 Diesel-WF	$5900
3020 Diesel-WF-3 pt.-Rollbar-Syncro	$5900
JD 301 w/Mower-Clean	$5900
5020	$5900
2520-D-WF	$6900
3020 Diesel-WF-3 pt.-Side Console	$6900
4020-Very Nice-RCP	$7500
3020 D-SC-PS-DIFF, WF	$7900
5020-Duals	$7900
5020-Cab	$7900
4230-4 WD-Cab-Quad	$15,500

MASSEY FERGUSON TRACTORS

30-WF-3 pt.	$2450
50-GAS-RCP	CALL
35 Diesel-Nice-RCP	$2900
35 Gas-WF-3 pt.	$3450
265-Needs Redone	$4500
65 Utility Diesel-Rebuilt Multi Power	$4650
165 Diesel-Nice	$5450
135 w/Idr.	$5900
2135 w/Idr.	$5900
1080D-1969	$5900
1130-New Paint	$5900
150-Sharp-RCP	$5950
1150-Cab-Duals-Sharp	$8900
40B w/Idr.-RCP	$8900

FARMALL TRACTORS

W4	$950
H-Fenders-Clean	$1500
460-Gas-Try	$1900
Super A w/Cult.	$2200
404	$2400
(2) 560 Gas Each	$2400
Super C w/Cult-Sharp-Sharp	$2650
404 w/Mower	$2900
Super AV w/Cultivator-RCP	$2900
560-D-WF-FH	$3500
350 Utility w/Rotary Mower-RCP	$3600
460 w/Loader	$3900
140 w/Woods Rotary Mower-RCP	$3950
560D-Clean-Wide Front-FH	$4500
826	$4900
1066-Rough	$4900
374-Cab-Clean	$4950
100 Hydro-WF-3 pt.	$5400
424 w/Idr.-RCP	$5900
544 w/Ind. Rotary Mower-RCP	$5900
574-Cab-1975-4300 Hours-Nice	$5900
656D-Hydro-Clean	$6500
574-Cab-1977-Nice	$6500
966-WF-3 Pt.	$6500
574-Cab	$6700
756-D-WF-Nice	$6900
784-Cab-3500 Hours-1978	$6900
684-Cab-1980-Nice-2300 Hrs.	$7900
584 Diesel-1980-1100 Hours	$8900
784-4 WD-Cab-Nice-1979-2700 Hrs.	$9950

OLIVER & WHITE TRACTORS

1850 Diesel-Rough	$2900
Super 55	$2900
1265	$3500
1650 Gas-New Tires	$4500
1950T	$4900
1800-Cab-Nice	$4950
1850 Diesel	$5900
4-180 Duals, Cab, 3 pt. PTO-1977 Air-1800 Hours	$14,900

CASE TRACTORS

350 w/Loader	$2900
930 Diesel	$2900
1070 w/Cab-As Is	$4500
2670-Cab-Duals-3 pt.-PTO	$9900

IMT, LONG & OTHER TRACTORS

Long 460-1978-As Is	$2500
Kubota B6000 w/Mower	$2600
Kubota L175 w/Mower	$2800
Kubota L175	$3200
Kubota B7100 w/Idr.-4WD	$4000
Kubota B7000-4WD-Rotovator	$4800
Kubota L275	$4900
Kubota L185-Nice	$5200
Kubota L185-4WD-Loader-RCP	$5400
(2) Long 610-Hi-Clear	$6900
IMT 539-New	$6995
360 4 WD-New-Was $13,690	$9873
460 4 WD-New-Was $15,373	$11,119

FORD TRACTORS

Dextra	$1900
6000D-Wide Front	$2000
800 w/Idr.	$4500
8000	$5800
4400 w/Idr.-Forks	$5900
3000	$5950
2000 w/Mower-CLEAN	$6500
8000D-Weights-38" Rubber	$6500
4400 w/Idr.	$6900
(2) 6600-Cab-1977-Dual Power Each	$6900
6600-Cab-1977	$6900
(2) 3550 w/Idr.-RCP Choice	$7900
8400 w/Idr.	$7900
6600D-Flat Deck-1976	$7900
4600D-1981	$7900
8000D-Cab-Duals-Wts.	$7900
445 w/Idr.	$9750
6500 w/Idr.	$10,500

ALLIS CHALMERS TRACTORS

ED40	$1950
D19 Diesel-has Loader	$2800
185	$4900
190 Diesel w/Loader-RCP	$4900
7000-Is-Cab-Poor	$4900
7050-Cab-Poor	$4900
190 XT Series 3-Cab-Nice	$6900
200-No Cab-Nice	$6900
220-Very Nice	$6900
185-Wts.-Very Nice	$8500
185 Cab-Air-1978-2200 Hours	$9900

NEW 3 PT. CORNSHELLERS
3 Pt. & Pull Type

- 3 Pt. Economy. . $795
- 3 Pt. Standard $1395
- 3 Pt. Deluxe. $1695
- Pull Type. . . . . Add $100

25 Coming End of February-Order Now, Don't Be Disappointed By Waiting Too Long

Pictured Is Standard Model

NEW 3 PT. 1 ROW P.T.O. POTATO DIGGERS

Complete w/P.T.O. Shaft, Side Cutters, Adj. Rubber Gauge Wheels.
36 Arriving In March

$1,295

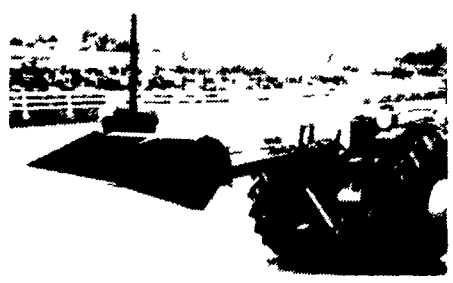
First Come, First Served

SITREX 3 PT. WOOD SAWS

ON STOCK NOW

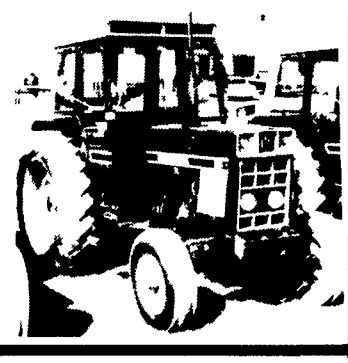
$399

Compare At **$895**



New 3 Pt. Loader w/ Snow or Dirt Bucket
ONLY $695

IH 684 1980, 2300 Hrs., TA, Clean **$7,900**



CONSTRUCTION EQUIPMENT

NEW 1985 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft. **$1,595**

RUBBER TIRED LOADERS

Hough H25	$1900
Little Dipper	$2500
Michigan 55	$3500
Hough 30R	$5500
Trojan 164 Diesel	$5500
Case W9D	$6500
Michigan 55 GM	$8500
Trojan 264-GM	$8500
Terex 72/31-1972	$15,800
Case W26B	$23,900
Ford A62	$23,900
Ford A64 1978	$25,900
Fiat 645B	$26,500
Cat 920-1978	$29,500

FORKLIFTS

4000 lb , Solid Tires, Side Shift	$1200
3 pt Attach-NEW	$2495
MF 205-RT	$4900
Erickson 5000 lb -RT	$4900
Clark 8000 lb -RT	$5900
Datsun 9000 lb	$6900
MF 2200-21'	$9500
Hyster 10 Ton	$9900
IH 4500	$12,500
IH 4500-CAB	$14,500
Sanderson SB70	$18 500

LOG SKIDDERS

Ford Log Hog	$3700
Athey As Is	$5900
Franklin 130B	$5900
IH S7C	$7500
JD 640 w/Grapple	$18,900
JD 440C-1978	$19,800
JD 640	$24,900

DOZERS

JD 2010	$4900
Case 310	$4900
Case 750	$4900
IH TD6-62 Series	$5400
IH 500 w/3 pt	$5900
AC HD4-6 Way	$8700
(2) AC 653-6 Way-Each	$8900
JD 350B	$9800
JD 450	$9800
Case 350 6 Way	$9800
Cat D4D	$10,800
JD 350C-6 Way	$12 800
JD 450B-6 Way	$13 800
Case 350B 6 Way 1979	$15 900

SKID STEER LOADERS

Gehl - As Is	$1500
IH 4120	$3500
OMC 1000	$3500
Case 1740D	$5800
Melroe 825D	$11,800

CRAWLER LOADERS

Case 310	$2500
Oliver OC3	$2500
AC H3 w/Ripper	$5900
IH 500C	$6900
IH TD6-Late-4 in 1	$6900
JD 350B	$7900
JD 350B	$9800
Cat 951A	$10,500
Case 450 w/Cab 4 in 1	$13,500
Case 450 w/Cab 4 in 1 Hoe	$15 500
Cat 951	$15 500
Cat 941 w/4 in 1 bkt	$21 700
Case 1150	Coming In

BACKHOE ATTACHMENTS

JD-Case-AC-Long 3 pt
McConnell 3 pt

TRACTORS WITH LOADERS

AC D19	$2800
Case 350	$2900
IH 460	$3900
Kubota B7100-4WD	$4000
Ford 800	$4500
AC 190	$4900
JD 2010	$4900
MF 135	$5900
Kubota L185 4WD	$5900
Ford 4400	$5900
MF 2135	$5900
IH 424	$5900
Ford 4400	$6,900
(2) Ford 3550 Each	$7900
Ford 8400	$7900
Ford 420	$8900
MF 40B	$8900
Ford 6500	$10 500
Ford 445	$10 900

TRAILERS

1973-5 Ton	$1200
1985 2X 4 Ton	$1600
Used 10 Ton	$2500
1977-12 Ton	$3800
24' Gooseneck	$4400
1985 3X 9 Ton	$4500
32' Gooseneck-3 Axle	$4900
15 Ton Lowboy	$4900
1986-12 Ton	$6800
1978-25 Ton Fold Gooseneck	$19 500

BACKHOES

Linkbelt LS52	$4500
IH 3514-As Is	$5900
IH 3514	$7500
(2)Ford 4500-Each	$7500
IH 2400	$8900
IH 2500B	$9500
Long 5 in 1	$9500
IH 3600-ROPS	$9500
Ford 4500 Cab	$10,800
IH 3800-4WD	$10,800
Case 580B	$11,400
Case 580B	$11,900
MF 50C-CAB	$12,500
Ford 5550 ROPS	$12,800
JD 410, Cab	$16,800
Case 580F 4WD	$18,500
JD 310A	$19 500
JD 410-Cab-1980 500 Hrs	$23,800
Ford 535	Coming In

MISC. CONSTRUCTION

(60) Used Hoe Buckets	From $100
(30) Loader Buckets	From $100
(30) Set Forklift Forks	From $300
Pull Type Grader	$900
New 3 pt Winch	$1500
JD 350 Winch Attach	$1900
Huber Maintainer	$1900
Case 580 w/Knuckle Boom Loader	$4500
AC D Grader	$5900
Huber Maintainer DIESEL	$5900
AC 700 w/Log Loader	$9500
Ditch Witch R65 w/Hoe	$9500

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135
TELEX 316290
NIGHTS, PHONE: 717-866-7147 or 717-273-9089

1 MILE FROM LEBANON VALLEY AIRPORT

CORNHEADS

AC 2 Row for A, E, K, E III, F
AC 3 Row for A, K
AC 4 Row for G, C, C II, L, M, F
AC 6 Row for C, C II
JD 2 Row for 40, 45, 55, 95, 3300, 4400
JD 3 Row for 45, 55, 95, 3300, 4400
JD 4 Row for 105, 4400, 6600, 7700, Etc
JD 6 Row for 6600, 7700, Etc
IH 2 Row for 91, 93, 105, 203, 205, 315, 303, 403, 615, 715
IH 3 Row for 203, 205, 315, 403, 715, QT
IH 4 Row for 403, 715, 815, 915
IH 6 Row for 815, 915 - All QT
MF 2 Row for 300, 410
MF 3 Row for 300, 410, 510
MF 4 Row for 410, 510, 750, 760, Etc
MF 6 Row for QT
Oliver 2 Row for 25, 525
Oliver 3 Row for 525, 535, All QT
Oliver 4 Row for 535, 545, 555, All QT
Case 2 Row for 600, 660
Case 3 Row for 960, 1160
Case 4 Row for 1160
NH 2 Row for 975
NH 4 Row for 975, 985, All QT

BALERS

NH 315 w/Thrower
Ford 530
Case 220
IH 37
Extra Throwers
JD 214 Wire Tie

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller
NI 323-Demo
(3) NI 323 - Used
NI 10 1X Pull

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 5000 Rollbar
Ford 4000 Cab
Case 930 Cab
Ford 9600 Cab
Ford 6600 Cab
JD 4320 Cab

SHELLERS & GRINDERS

MM 1200 Sheller
NI 315 Sheller Attach
NI 314 Sheller Attach
NI Super Sheller Attach
NI 317 Grinder Attach
NI 318 Grinder Attach
IH 234 Sheller Attach
JD 43 3 pt Sheller

HAYBINES

NH 478-7'
Hesston 1070-7'
JD 1209-9'

PLOWS

AC 2x & 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x-6x-7x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver (3 pts) 2x-3x
Oliver (pull) 3x
White (semi, Reset) 4x-5x
Ih 1x (FH & MTD)
IH 2x, 1 pt, FH & 3 pt
IH 3x FH & 3 pt
IH 4x pull
IH 4x Reset (On Land)
IH 550 5x (Semi)
IH 710 5x (Semi)
IH 710 6x (Semi)
Ford 1x & 2x (3 pts)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover

LOADERS

Loader Off D.B. 990
Loader Off AC D19
Ford Off 8N
Freeman Off 880 Brown
AC Off 1600
JD 36A Off 1020
Souders Loaders
Case for 970 & Larger
IH for 300 Utility
IH 2250 Loader
IH 2050 Loader
IH 2000 Loader
IH 3000 Loader
Loader Off AC 190
Loader Off Ford 8000

DISC'S

IH 8' 10'-11'-13' Transports
JD Plowing Disc-10' & 12'
JD BW-14'
KK 6' 3 pt
Kewanee-13' Rock Flex
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
IH 7' Pull Type

HARVESTERS

Fox Super 1000
JD 38
MF 260
NI 705 Uni System
NH 718
IH 555
NH Super 717
JD 34

SICKLE MOWERS

JD 9 3 pt
Ford 3 pt
IH Cub
IH FH
Sitrex 3 pt dynabalance

CULTIVATORS

AC D14-D15 2x
Ford 2x
JD 2x (H & 420)
JD RG6
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A
IH C-H-M 2x Frt
IH 461 Ftr Mtd 4x
IH 4x FH
IH 153 4x 3 pt
1x3 pt - New
Westgo 6x 3 pt

COMBINE SALE EXTRAVAGANZA

All Combines Have Cabs

- JD 3300 D-R Screen-QT-Base $7420
- JD 6600D-R Screen-Hydro-QT-Base $8920
- IH 615G-R Screen-QT-Base $5940
- White 7300 G-QT-Base $5870
- Gleaner K-R Screen-QT-Base $8610
- MF 300 G-QT-Base $4860
- MF 750D-QT-Base $9340
- JD 45 SB-Base $2810
- Case 600-Base $2490

CORN & GRAIN HEADS AVAILABLE

HARVESTER HEAD SPECIALISTS

(75 In Stock)

1X Corn for NH, Fox
2X Wide for NH, Fox, JD, IH
2X Narrow for NH, Fox, JD, IH
3X Narrow for NH, Fox, JD, IH, MF, Badger
1X Snapper for NH
2X Snapper for NH, Fox, JD
3X Snapper For Fox, JD
Pickup's for NH, JD, IH
Cutterbar's for NH, Fox, JD, IH

LOTS OF EXTRA COMBINE GRAINHEADS TO FIT MOST MACHINES

TRUCKS

GMC w/Grain Body $1500
1947 Ford Pumper Truck $2900
1966 Chevy C60 Dump $4500
1975 Ford 8000 TT $6800
1975 Transtar $6800

FIELD CULTIVATORS

JD 12' 3 pt
JD 18' 3 pt
Glencoe 13' 3 pt

MISC. EQUIP.

JD 6500 Blower
24' Cardinal Elevator
Spike Harrow
Corn Drags
IH Cub & 140 Attachments
Hesston 10W Mower
8' FH Blade
10' & 12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Fert Spreader
Hesston 30 Mover
JD Tedder
(5) Bale Wagons
(2) Hesston 10 Stackers
NH 32' Elevator
Danuser PHD
Fox 660 Blower
JD 8200 Drill
IH 510 Drill
IH 56 Blower

CULTIPACKERS

9'-12'
14' w/Transport

TRANSPLANTERS

2 Row - Pull & 3 pt
1 Row - 3 pt

ROTARY MOWERS

JD 5' Pull
Modern 7' Pull
Toro 3 Gang Reel (SP)
Ford 7' Pull
Woods C80 Pulltype
Woods 6' Offset, 3 pt
FMC 13' Pull Type

DUALS

18 4x34 MF Axle
18 4x34 Snap On
20 8x38 Axle
18 4x34 Axle
18 4x38 Snap On
18 4x38 Ford Axle

FORAGE WAGONS

JD 214 | Gehl
Fox 625 | Gehl 940

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
760 Harvester
3x30 Harvester Head
705 Diesel Tractor
2x40 Harvester Head
QT Throat Assy.
710 Combine

HAY RAKES

Sitrex 4 Wheel-3 pt
JD 660

SPREADERS

NH Tandem Axle-250 Bu
NI 12A - Like New
Betterbilt 2100 Liquid Spreader
JD R
NI 14-Like New

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger

CORNPLANTERS

IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt
MF 2x 3 Pt.-New
IH 56 - 2 Row
IH 449 4x Pull
JD 290 2x Pull
IH 400 Air

CHISEL PLOWS

JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt)
Kent 7' Soilsaver
Lely 12' Roterra
5', 8', 10' 3 pt
1 tooth 3 pt subsoiler

CULTIMULCHERS

Brillion 12
JD 930 - 12' 3 pt

NEW EQUIPMENT SPECIALS

SITREX P.T.O. TEDDERS

SPECIAL EARLY ORDER
For 2-Wheel Pulls or 3 Pt.
$895
ON STOCK

4 Wheel Pull . . On Stock ~~$1795~~
3 ONLY
REDUCED FOR CLEARANCE $1595

ROTARY MOWERS

40" 3 pt Heavy Duty $495
4' 3 pt Standard Duty $395
4' 3 pt Heavy Duty $495
5' 3 pt Standard Duty $395
5' 3 pt Heavy Duty $495
6' 3 pt Heavy Duty $695
7' 3 pt Heavy Duty $1395
4' pull Heavy Duty $595
5' pull Heavy Duty $695
6' pull Heavy Duty $895
7' pull Heavy Duty $1495
4' 3 pt Estate $1195
5' 3 pt Estate $1295
6' 3 pt Estate $1495

SICKLE BAR MOWERS

6' 3 pt pitmanless $1495

SCRAPER BLADES

6' 3 pt Heavy Duty $175
7' 3 pt Heavy Duty $195
8' 3 pt Monster Duty $695

CEMENT MIXERS

3 pt 9 cu ft. $495
3 pt 12 cu ft. $550
3 pt 20 cu ft. $695

STONE RAKES

6' 3 pt. $495
7' 3 pt. $550
8' 3 pt $595

HAY TEDDERS

2 Wheel Pull PTO $895
2 Wheel 3 pt PTO $895
4 Wheel Pull PTO $1595
4 Wheel 3 pt Ground $465

HAY RAKES

4 wheel 3 pt. $465

WOODSAWS

3 pt PTO 30" $399

CULTIVATORS

1 row 3 pt $95

BOOM POLES

Standard 3 pt $79
H D 3 pt $179

POTATO PLOWS

1 row 3 pt $95

ROTOVATORS

50" 3 pt Standard Duty $875
60" 3 pt Standard Duty $975
60" 3 pt Heavy Duty $1275
66" 3 pt Heavy Duty $1375
72" 3 pt Heavy Duty $1775
74" 3 pt Standard Duty $1475
82" 3 pt Heavy Duty $1975

LOADERS

3 pt snow & dirt bucket $695

SEEDERS

PA 150 3 pt $275
PA 250 3 pt $285
PA 300 3 pt $295
PA 400 3 pt $395
PA 500 3 pt $450

LANDSCAPE BOXES

3 pt 5'6" $495
3 pt 6' $495
3 pt 7' $595

TRAILERS

1985 4 ton 14' $1595
1985 4 ton 16' $1695

POST HOLE DIGGER

3 pt 6", 9", 12", HD $495

CHISEL PLOWS

3 pt 9 tooth spring loaded $595

DIRT SCOOPS

3 pt Reversible $395

WINCHES

3 pt 6600 lb $1495

DISC HARROW

5'6" 3 pt 18" Combo $495
6'6" 3 pt 18" Combo $495

SUBSOILERS

3 pt 1 shank HD $369

BALE MOVERS

3 pt 3 tine HD $379

FORKLIFTS

3 pt tilt cyl HD $2495

WAGONS

6 ton $450
8 ton loaded $550
10 ton loaded $625

BACKHOE BUCKETS

12" $495
18" $595
24" $695
36" $895
Add $200 For H D

WANTED
JD 2520 Gas, power shift, wide front. Loader for same
301-745-9408

USED EQUIPMENT

Disk Harrows	AC 7000
Grain Drills	Irrigation Pump w/Motor
IH 1086	Used Combines
4 Bt. 2 Pt. Hitch Plow	IH 1066

Norman Bright Inc.
45 Evergreen Road New Egypt. N.J.
609-723-0300

HOLIDAY GREETINGS

USED TRACTORS

JD 4630 cab & air
JD 4630 w/4 post roll guard
JD 4520 w/cab & loader
JD 4430, cab, air, quad range
JD 20[SOLD]oader
JD 2510
JD 2640 w/loader, like new
JD 2940, excellent cond.
1977 JD 4430 w/cab & air power shift
JD 4320, cab & air
JD 2510 Gas
JD 820 Diesel
JD 4010
JD 4020 w/cab
JD 4020 side console
JD 3020 Diesel
IH 1086 cab & air
Int. 986 cab & air
IH 966
IH 574, like new
IH 806
IH 766 w/cab
IH 656 utility w/loader
IH 666 gas
IH 364 w/power steering
IH 84 hydro, 500 hrs.
Farmall Cub w/new Woods mower
Ford 3400 w/Loader
Ford 1700, 200 hrs.
AC 210 diesel
AC 170
MF 205, 4WD
David Brown 1200
Satoh 4WD w/loader, used 200 hrs.
Kubota L305F diesel w/front wheel drive, like new

USED PLOWS

Int. 5 btm. 18" spring reset plow
White 5 btm. 18" spring reset plow
Int. 6 btm. Toggel trip high clearance plow
Large selection of 3 to 7 btm. plows

GRINDERS & MIXERS

Gehl 120
Gehl 95
IH 1150 $1,450.

USED COMBINES

444 JD corn heads
443 & 643 corn heads
JD 3300 combine
1975 JD 4400 diesel
Large selection of JD 2, 3, 4 & 6 row corn heads
JD 4400 gas, rotary screen

USED PLANTERS

JD 7000 4 row Dry fertilizer
JD 7000 6 row no till
JD 7000 6 row conservation, liquid

Used Moore no-till grain drill

USED HARVESTERS

Fox 2 row snapper head
Fox Custom 90

Gehl flail head, excellent condition

HAY EQUIPMENT

NH 472 haybine
NH 489 haybine
Gehl 1090 haybine
NH 310 w/thrower
Gehl 1500 Round baler
Large selection of hay rakes
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 275 baler w/kicker
NH 1010 Stacker Bale Wagon
NH 1033 Stacker Bale Wagon
NH 1034 Stacker Bale Wagon
NI 244 tandem spreader, like new

MISCELLANEOUS

Int. 510 grain drill
JD 30 ft. Implement Trailer
Large selection of smaller discs
Danco hydraulic rear unloading silage wagon on tandem running gear
Badger 16' Forage Wagon, 3 Beaters w/roof, tandem running gear
New Farmhand loaders for IH and JD tractors
NI 323 1 row picker
NI 2 row wide, 12 roll, $3,000.
Kewanee hydraulic fold 18' disc
1974 GMC w/new 16' grain body & hoist w/air brakes
1979 GMC Brigadier tandem w/20' flatbed, 6-71 Detroit diesel engine, excellent condition
Big V snow plow 12' wide

D & R EQUIPMENT INC.
Ringoes, New Jersey (201) 782-5082

SPECIAL ON NEW ISUZU DIESELS

ISUZU DIESEL

For Automotive Repower

- **QD100** 4 Cyl., 87 HP/3200 RPM
  Reg. Price...$3,367
  NOW..... **$1,984**
- **QD145** 6 Cyl., 130 HP/3200 RPM
  Reg. Price...$4,916
  NOW..... **$2,930**

LIMITED QUANTITY
Power Units 15-275 HP
Generator Sets 5-160 KW

FUEL EFFICIENT
LONG LIFE

Parts - Sales - Service

Your Dealer:

MARTIN ELECTRIC PLANTS
Pleasant Valley Rd. Ephrata, PA 17522
(717) 733-7968

END OF SEASON SALE!

- Company Rebates • Dealer Discounts • Low Interest Financing
- 1985 Investment Credit

IN STOCK READY FOR DELIVERY

AC 8010, cab & air 107 hp; AC 6080 4WD, 84 hp; AC 6080 w/Cab, 84 hp; AC 6060 4WD, 64 hp; AC 6070, 70 hp; AC 6060 w/Cab, 64 hp; AC 5050 4WD, 52 hp; AC 5045, 44 hp; AC 6140, 40 hp; Kubota 7500 2 & 4 WD, 71 hp; Kubota 6950, 4WD, 66 hp; Also on the road soon to arrive 60 hp Deutz-Allis.

Come in & compare our prices per hp & our features. You'll be surprised at the savings on quality tractors. We have parts & we service what we sell. Trades welcome.

NEW ARRIVALS FOR SALVAGE YARD

MF 90 Gas; AC-CA; AC 160; IH 404; JD 3010, Dsl.

USED TRACTORS

AC 7040, cab & air + power shift. 7030, cab & air. 7010 Cab, PS, 7000, cab. 200, 190XT, 190 XT Series 3, cab. 190XT, 4WD. 6080, 6060, 4WD. 6060, with loader. 175, 160, D17, gas & diesel. D15-3 pt B, CA.
JD 5020, cab & duals. 4320, cab. 2 - 3020D. 2840 with loader. 2640.
IHC 756. 706D, cab. 684, 674, 544, Super MTA, H, 230, 140, 100, Super A, with equipment, Cubs
Ford 5000, 5000 Diesel, 4000, 800, 600, 641 w/Hyd. Front End Loader, 8N's, 9N
Kubota 7500, 4WD Demo.
MF 175, 135

INDUSTRIAL

Tractor Loader Backhoes - MF 2000, AC 715B, JD 310A, Case 580C, all with cabs except MF 2000
Yanmar 336
Crawlers with loader AC 655. JD backhoe attached from 450 crawler loader
JD 430 Crawler with blade. +3 pt.
Tractors with Loader, 3 pt. hitch & PTO. IHC 2400A, 2444, Ford 515, 535, MF 40B, MF 205
Skid Steer Loader NH 445, 225, Bobcat 610 - gas. 611 - diesel
Log Skidders - 3, JD 440 series A & B. Pettibone w/loader attachment
AC 100+ HP Power unit with clutch, Ford 50 HP power unit
3, 6, & 12 ton Tag-a-long Trailers
AC 706B Fork Lift with 30' mast
Int. 3 Pt. Hitch Backhoe

LIQUID MANURE EQUIPMENT

4 Used Tank Type Spreaders
15 Used PTO, Ground Drive & Conventional Spreaders
2000 gallon Vacuum Liquid Manure Spreader, excellent condition
Patz 3000 gallon Liquid tanker
Better Bilt 1500 gallon Liquid Tanker
Used Martin Scavenger 1263 Manure Spreader

HAY EQUIPMENT

Hesston Round Bale or Stack Processor, model 10, like new
Haybines - NH 477, 489, Hesston PT 7, PT 10, 1070, 1090. New Idea 299. NI 7' & 9' Cutditioners
Hay Tedders. Fahr, Kuhn, Neimeyer. Centipeed Tedders. Grimm PTO & Ground Drive, Reel Tedders
Used Side Rakes - NH 256, 56, 55. JD, New Idea
Balers with Thrower - NH 273, 275, 310, 315, IHC 440, JD 24T
Round Balers NH 850, 846 - like new, Hesston 5800

FORAGE EQUIPMENT

NH #8 3 Beater w/Roof, Like New
Direct Cut Head From NH 782, Like New
Large Selection Chisel Plows, 3 Pt. Hitch & Trailer Models, 7 to 13 Shank
Forage Harvesters NH 718, Super 717, 717. Hesston 7020, 2000-100, 2000-150
Large selection 1 & 2 row Heads, pickup heads - NH 890 - 3 row narrow head
NH 770 - 1 row snapper head
Used Forage Blowers, Gehl 99 - like new, Ford 618, NI 620, IHC 56 JD 6500 - like new
NI Corn Pickers - 4-323 1 row, 310-1 row only $1175, 325 - 2 row narrow
324 - 2 row wide, with husking bed or super sheller
Flail choppers 2 - NH 34, 1 like new, JD 16A like new
New Farmhand Regrinder Blower, 50% Discount

FORAGE BOXES

3 used AC, Gehl - 3 beater with roof, tandem gear. Lamco, Grove, New H & S, in stock

MISCELLANEOUS

Hesston Stack Hands #10 & 30 Stack Mowers
20 Misc. Hyd. front end loaders for various models & makes tractors. Call for your needs.
Used Hay & Grain elevators, 24' to 48'
Kiwanee 12' Cultimulcher
3 Farmhand Corn Blurr's For High Moisture Corn Priced From $595 to $1495

THIS WEEK'S SPECIAL!
New Weathered
AC Tandem Plow Disc
15', Dual Wheels
24" Knotched Blades
w/Scraper
Only $4,965

MARSHALL MACHINERY INC.
5 Miles East of Honesdale Pa.
NE Corner of Pennsylvania, Rte 652
717-729-7117
SALES & SERVICE for AC, KUBOTA, HESSTON, BRILLION, STARLINE, NEW IDEA

USED EQUIPMENT

TRACTORS

*4066 IH 1066
5927 IH 966
5926 IH 1256
*5835 IH 986
*5739 IH 1066
*5731 IH 656
5793 Deutz DX 160
3335 JD 8630
5784 JD 4630 w/Cab, Duals
5700 NH 778 Skid Steer Loader
3487 Steiger ST210

COMBINES

*4074 MF 750
*4058 AC N6
*4090 NH 1500
*4090 NH 1500
*3866 NH 1400
*3057 JD 7700 w/Chopper
3058 JD 7700 w/Chopper
*5447 IH 1480
*3784 IH 1440
*3775 IH 1460
*3882 IH 915
*3983 IH 915

MISC. EQUIPMENT

4031 NI 212 Manure Spreader
3861 IH 1250 Grinder Mixer
*3773 JD 201 Trailer 32'
5484 IH 2001 Loader
5487 NH 280 Baler
3561 NH 495 Haybine
3111 Agrotec 400 Gal. 30' Sprayer
3818 NH519 Manure Spreader
3837 NI 245 Manure Spreader
3900 John Blue 1000 Gal Sprayer

TILLAGE

6103 Sunflower HB Chisel Plow 27
5277 IH 55 Chisel Plow
*4093 IH 710 Plow, 7x16
*3840 IH 560 Plow
*3841 IH 540 Plow
5868 IH 370 Disc 12
3799 IH 470 Disc 14'
3805 Brillion 21' Crowfoot Packer
5615 Brillion SC-01 Filed Cultivator, 20
3607 Brillion 32'8" Crawfoot Packer
3661 Brillion Field Cultivator, 29 shanks
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
5578 Krause 3 Bar Harrow
5561 JD 210 Disc 13'
3453 JD 5 Bot. Plow
5419 JD 22 Shank Chisel Plow
6247 J.D. 310 Disc
5121 Dunham Lehr 29' Crowfoot Packer
5534 Glencoe Soil Finisher, 20'
3301 Wilrich Field Cultivator, 37'
4092 Miller 20' Offset Disc

MOWERS

5577 Rhino 20' Flex Wing Mower
5702 NH 462 Disc Mower

PLANTING EQUIPMENT

3285 Tye No-Till Drill, 20'
5713 IH 510 Drill
2763 IH 620 Tandem Full Press Drill
5786 IH 510 Drill
5765 JD 246B Drill

GOOD SELECTION OF CORNHEADS AND FLATFORMS

HOOBER
HOOBER EQUIPMENT INC.
MIDDLETOWN, DE

SPERRY NEW HOLLAND
(302) 378-9555
case IH

1500-gal. Tank Will Load in Approx. 1½ Min.

✔ Check These Outstanding Features on the SLURRY BUGGY

A liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

- ✔ Tanks are made of 5/16 thick metal
- ✔ Large air-cooled vacuum pump
- ✔ Pump has not only a primary trap, but also a large secondary moisture trap
- ✔ Pump has an air precleaner
- ✔ A 6-inch hydraulic operated brass valve for unloading
- ✔ Has 3 different manure spreading patterns
- ✔ Tank has a float level indicator and signt glass
- ✔ A 20-inch rear manhole for easy access to tank
- ✔ Priced at $5,625

Optional Features:
Heavy Duty tool bar with tooth spring loaded injection
6 inch side valve large flotation tires

Farmers... rebuild your tanker with one of our new pumps (192 cfm @ 10 HG)
$1,275

We have 6" and 8" Tapered brass valves for your Liquid Manure Handling Needs.

SLURRY BUGGY EQUIPMENT
R.D. 2, Box 148 Ephrata, Pa. 17522
(717) 859-3869

This New IH Inventory Must Go!

YEAR END INVENTORY REDUCTION SALE

Special Sale Hours:
Dec. 16 thru 31st
Mon. Thru Sat., 7 to 5

IH 1190 MOWER CONDITIONER
9 Ft., Strut Guard, Stone Shoe,
Stock No 461
$6,800

IH 730 PLOW
4 Bottom, Adjustable Width, 3 Pt.,
Coulters, Trash Plates, Stock No 940
$6,375

IH 4500 VIBRA SHANK CULTIVATOR
12½ Ft., Trailing, 25 Shanks,
Stock No 579
$2,100

IH 475 DISK HARROW
12 Ft., 32 Disk, Stock No 573
$4,275

IH 5500 CHISEL PLOW
9 Shank, 3 Pt., 3" Twisted Shovels,
Stock No 935
$1,700

IH 1190 MOWER CONDITIONER (Demo)
9 Ft., Strut Guards, Stone Shoe,
Stock No 111
$5,900

IH 475 DISK HARROW
19 Ft., 11 In., Manual Fold,
Stock No 124
$6,800

IH 720 PLOW
5 Bottom, 20 In., Coulters, Trash
Plates, Hydraulics, Stock No 189
$7,125

IH 540 MANURE SPREADER
Hydraulic Endgate, 185 Cu Ft.,
Stock No 246
$3,600

IH 4500 VIBRA SHANK CULTIVATOR
8 Ft., Trailing, 17 Shanks,
Stock No 173
$1,500

IH 575 MANURE SPREADER
Hydraulic Endgate, 271 Cu Ft.,
Stock No 244
$5,800

SAVE...SAVE...SAVE...ON ALL ABOVE EQUIPMENT...
★ DEDUCT 8% IF STRAIGHT CASH SALE
or
★ INTEREST WAIVER UNTIL OCT. 1, 1986
or
★ 5.00% APR FINANCING
Subject to credit approval from Case Credit.
Offer good until Dec. 31, 1985, 12:00 Noon.

case IH

PARTS VALUE OF THE MONTH

UP TO 50% OFF PARTS IN STOCK!

★ Save 35% On Plow Shares
★ Save 30% On Spreader Web Assemblies
★ Save 15% On Forage Harvester Knives

USED EQUIPMENT SPECIALS

IH 420T Baler w Thrower 3K PTO #901	$2 950
1977 Case 1070D Tractor 1798 Hrs Cab w Heat & Air Ex Condit 130 H P #5348	$15 500
IH 720 Forage Harvester w 2 Row Row Crop 6 Ft Pick Up 1000 PTO #5391	$5 900
NI 402 Rake 9 Ft 5 Bar Good Condit #5381	$850
IH 400 Cyclo Planter 6 Row 30 Dry Fert #3853	$2 800
1973 Bobcat 700 Gas Hydro Trans #3686	$5 500
IH 8 Flail Chopper 6 Ft #5253	$1 200
Ford Tandem Disk Harrow 19 62 Disks 7 7' Spacing #987	$2 250
Badger 1416 Forage Wagon 14 Ft Tandem 10 Ton Gear #5256	$3 500
Power King 1614 14 H P Man Trans Tractor Tread Tires #3428	$1 600
Gehl FB99 Blower 540 PTO 54 Fan #863	$1 100
1972 AC 170G Tractor 3528 Hrs 54 H P 3 Pt Hitch Wide Front #5350	$4 500
1965 IHF656G Tractor 3391 Hrs 64 H P 3 Pt Narrow Front #5015	$4 500
1949 Farmall C Tractor 22 HP Good Condition Narrow Front #5203	$1 450
IH 400 Cyclo Planter 6 Row 30 Dry Fert w Insecticide #5934	$2 500
1975 Case 1737 Uniloader 2135 Hrs 37 H P Gas ROPS 66 BKT #5052	$4 000
NH 33 Flail Chopper 5 Ft #5893	$1 700
Bush Hog 146 Disk Harrow Offset 10 Ft 24 Disks 10' Spacing #5271	$2 950
Cub Cadet 782 17 H P Hydro Trans Hyd Lift 44 New Mower #902	$3 500
White LT 1610 16 H P Man Trans 44 Mwr #5385	$1 100
White 5400 Planter 6 Row 30 Plate Insecticide No-Till #5803	$3 500
1973 IH 574G Tractor 2020 Hrs 53 H P 3 Pt Hitch Wide Front #5338	$6 500
1943 JD A Tractor 35 H P 540 P T O Narrow Front #5254	$575
Oliver 565 Plow 4F 14 w Coulters #5895	$675
IH Cyclo 400 Planter 4 Row 38 Dry Fert w Insecticide #5876	$1 800
1980 Case 1830 Uniloader 1201 Hrs 30 H P Gas ROPS 60 Bucket #5120	$6 500
IH 56 Blower 540 P T O 56 Fan Auger Feed Like New #990	$2 200
IH Cyclo 800 Planter 4 Row 30 w Dry Fert & Insecticide Kasco Fert Auger #5214	$7 000
1974 Case 1816 Uniloader 16 H P Gas ROPS 43 Bckt Hydro Trans #5327	$2 950
1961 F460G Tractor 5061 Hrs 45 H P 2 Pt Narrow Front Exc Cond #5263	$3 400
NI 212 Manure Spreader 120 Bu Std Chain 2 Beater #5508	$525
IH 400 Cyclo Planter 4 Row Wide Dry Fert #914	$2 500
IH 1150 Grinder Mixer #5958	$4 200
IH 830 Forage Harvest 1000 P T O 3 Row Row Crop 72 Pick Up w Hydraulics #882	$6 000
IH 350 Disk Harrow 11' Ft 36 Solid Disks 7 Spacing Exc Cond	$1 450
IH 595 Manure Spreader 343 Cu Ft Hydraulic End Gate Used 1 Load #201	$7 600
Cub Cadet 1650 16 H P Hydr Trans & Lift 44 Mower Just Painted #5257	$2 650

case IH

Swope & Bashore, Inc.

SALE HOURS
MON THRU SAT 7 To 5
DEC 16 THRU DEC 31

RD1, Myerstown, Pa
Located 1 Mile S of Int 78 & 6 Miles
N of Myerstown on Rt 645 in Frystown
PHONE 717-933-4138

IN PA--CALL TOLL FREE--1-800-692-7467

1 FARM EQUIPMENT

JOHN DEERE TRACTOR

8640 Model, 600 hours, like new with all factory updates, $56,500

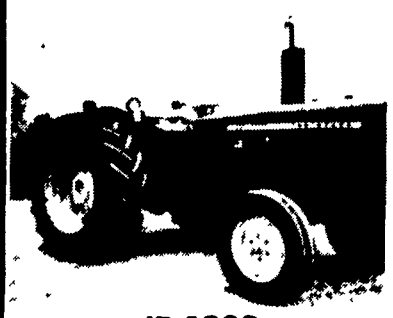
JOHN DEERE MOLDBOARD PLOWS

2800 Series, 8 bottoms, 14" to 24" $7,000

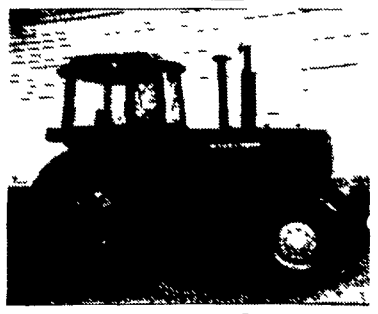
Above equipment in like new condition
Price negotiable as package deal

301-822-2976

LORLIN TRACTOR SALES



JD 1020
Diesel, 1900 Hrs., Original & Sharp.
$4,500



JD 4440
QR, cab, 600 hrs., 4WD, dual hyd. lift assist, clean
$16,500

OTHER TRACTORS

JD 2510 Gas, WFE	$3,900
JD 2030 Diesel Utility	$5,900
JD 2510 Diesel, WFE	$4,500
JD 4430, Cab, QR, Nice	$12,500
JD 3020 PS, WFE, Solid	$5,900
JD 4440 Cab 1900 Hrs, PS	$18,500

717-532-8926

Can Finance — No Sunday Calls

DON'T MISS THIS

Special Rental Equipment Year End Sale

This May Be The Last Year To Profit From Investment Credits

Rental Equipment	List Price	Sale Price
Badger 5180 Gal. Tank	$18,100	$13,946
Badger 3350 Gal. Tank	$11,495	$ 8,920
Badger 3350 Gal. Tank	$11,495	$ 9,820
Badger Injector	$13,427	$ 6,630
Badger Injector #5	$11,195	$ 6,500
Badger Injector #6	$11,195	$ 8,575
Badger VAC. Tank 1500 Gal.	$ 8,120	$ 5,350
Badger VAC. Tank 1500 Gal.	$ 8,485	$ 6,615
Badger VAC. Tank 2300 Gal.	$11,050	$ 8,378
B/W 3330 Gal. Spreader	$ 9,600	$ 5,580
Badger PIT Pumps		
12 Ft.	$ 4,610	$ 3,360
10 Ft.	$ 4,286	$ 3,365
10 Ft.	$ 4,486	$ 3,737
8 Ft.	$ 4,340	$ 3,620
6 Ft.	$ 4,300	$ 3,650
Badger Lagoon Pump	$ 6,080	$ 3,375
W.C. Lagoon Pump	$ 9,485	$ 7,360
Badger Agitator	$ 2,180	$ 1,400
Badger Forage Wagons 16 Ft.	$ 9,450	$ 7,672
Badger Forage Wagons 16 Ft.	$ 9,450	$ 7,985
Badger Forage Wagons 16 Ft.	$ 9,450	$ 8,292
Badger Forage Wagons 14 Ft.	$ 7,030	$ 4,713
International Wagon		$ 1,300
Badger Forage Blowers #1018	$ 3,000	$ 1,766
Badger Mower Conditioner	$ 9,675	$ 8,570
Badger Ear Corn Mill	$11,000	$ 7,500
Badger Ear Corn Mill	$11,000	$ 7,400

SHOW-EASE STALL CO.

573 Willow Rd.
Lancaster, Pa.
717/299-2536

NEW EQUIPMENT

TRACTORS
JD 650, 2WD
JD 750 2WD & 4WD
JD 850 4WD
JD 950, 2WD & 4WD
JD 1050 2WD & 4WD
JD 2150
JD 2350
JD 2950 MFWD
JD 4050 SG, QR
JD 4450 MFWD SG, PS

COMBINES & HEADS
JD 643 Corn Head

HAY TOOLS
JD 1219 Mower Conditioner
JD 430 Rd. Baler
JD 327, 337 Balers
NH 316 Baler

TILLAGE EQUIPMENT
JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 1000 3B Plow

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R & 6R
JD 8200 21x7 Plain Drills

OTHER EQUIPMENT
JD 1065, 1075 & 1270 Wagon

USED EQUIPMENT
IH 966 Tractor ACWD
JD 3300 Combine
JD 237 Picker
JD 16' Grain Platform
Gehl 600 Forage Harvester
AC K2 Combine
Fox 3000 Fg. Harv
Lely Roterra 13'6"
JD 6 Row Max Emerge Planter w/Liquid Fertilizer
White 5400 No-Till Planter
1,000 Gal. Zero Bulk Tank, $750

WAIVER OF INTEREST ON MANY ITEMS

I.G. SALES

DeLAVAL
JAMESWAY

Silverdale, PA 18962
215 257 5135

Quonset Buildings

BACKHOE LOADERS

Ford 555 Tag 5057, 1978 Rops, Cab, Heater, Lights, 18" Backhoe Bucket $19,000

John Deere 310A, 1978, Cab, Tag 1936 . . . . . $20,000

Ford 4500, 1975, Cab, Tag 2485 . . . . . $11,000

IH 270A, 1979, ROPS, Canopy, Needs Trans. Work, As Is $9,500

IH 270A Tag 5072, 1979, ROPS, Cab, Excellent Condition. . . $14,000

CRAWLERS

JD 350C Wide Track LGP, New Undercarriage, Excell. Cond. . . . $26,000

JD 350B Crawler Dozer, 6 Way Blade, Rops Canopy, Tag 1716, Completely Rebuilt $18,000

SKID STEER LOADERS

Bobcat 610, 1977, Reconditioned, Standard Tires $4,400

Bobcat 643, 1983, 900 Hours. . . . $8,500

Bobcat 843, Late Models, 6 To Choose From, Low Hours . . . . . Call For Price

Call JIM NIXON for Prices, Information

LCL Construction Equipment

2590 Unionville Pike
Hatfield, PA 19440
(215) 362-2510 (215) 242-5757

CHAMBERSBURG FARM SERVICE, INC..

975 S. Main St. Chambersburg, PA
(717) 264-3533

USED EQUIPMENT

TRACTORS

Hydra Mac 35HP
IH 3300 Gas, 60" Bkt
IH 706 gas
IH 656
IH B414
IH 674D
IH 784D
IH Hydro 84D
IH 584D
IH 560D
AC G w/cult
IH cub w/mower
IH 1256D
IH 504 U w/2000 Loader, Orchard Fenders
IH 400D
IH 400 Gas Tractor
IH BN Gas
IH 460 Gas
Case 1845 D Skid Loader
Ford 3000 w/Loader

BALERS
Hesston 10 Stacker
IH 440 w/thrower
NI 456 Round
JD 24T w/launch
IH 37
IH 430 w/throw
OMC 595 Round
NH 851 Round

BLOWERS
JD 66-60'
Gehl 99-56'
Papec 54-54
IH 56-56'
Kools KB60-60
NH 30 30 1000 PTO
Supreme 56 56

CULTIVATORS
Oliver 3pt-2row
Pittsburgh-3pt 2row
JD-3pt 2row

ELEVATORS
Mayrath-36ft auger
Smoker-24ft
NH-24ft

FLAIL CHOPPERS
BearCat 72A-72
Gehl 72-72'
JD 16A-72'
JD 27-14foot Shredder
Brady 722-6ft
Brady 1440 12ft Shredder
Brady 608 80

FORAGE HARVESTERS
Fox 546
IH 555
Gehl 600
Papec 180
Fox 3000
NH 880
Fox 2000
IH 830
IH 15

HARROWS
Nieymeyer Power
IH 401-Sp tooth
IH 47 disk-13ft
JD WRA disk-13'6"
IH 9A-9ft
IH 350 disk-10ft
IH 475 disk-12ft
JD KBA disk-8ft
IH 37 disk-8ft
IH 470 disk-8ft
IH 470 disk-12ft
IH 19Bdisk-7ft
Brillion 10ft-packer
10' Bush Hog Wheel Disc

COMBINE & UNI
766 Harvester
710 Combine
729A Sheller
770 Adapter
766 Hay Pickup
730, 4RW
768, 3RWN
735, 3RN
725, 3RN
734, 3RN
IH 1440 Combine
844, 4RW
IH 843, 4RN
IH 810, 13' Platform
IH 715-gas
IH 303-gas
Case 600-gas
JD 30 pull type
702 Diesel

MISCELLANEOUS
OMC 117 Grinder Mixer
Anderson Rock Picker
Windpower Alt 45/25
Uebler 770 Feed Cart
Gandy 8' Fert Spreader

GRAIL DRILLS
Tye 80-3pt
Ontario-16x7
Oliver-13x7
JD FD-17x7
Hay Buster-10ft
JD FBB-15x7
IH #10-16x7 DDO
IH 16x7 Combination

MOWERS
Oliver 3pt-7ft
NH 450-7ft
Bush Hog Rotary-9ft

WINDROWER
AC 904-9ft
Gehl 108-9ft
IH 1190-9ft
OMC 229-9ft
NH 489-9ft
IH 990
NI 272
Gehl 440
IH 225

RAKES
NH 57R 5bar
Farmhand-5wheel
Lely V8-9wheels
Vicon-4wheels
Farmhand 2wheel turner

SPRAYERS
Demco 500 gal
Century 300 gal
Walsh 200 gal
Walsh 500 gal
Walsh 300 gal

FERT SPREADERS
Lely 2500 trail

MANURE SPREADERS
NI 245
NI 218
NI 213
NI 212
Hawkbilt 357
Hawkbilt 207
Hawkbilt 157
NI 224
IH 550
NH 790
Starline 930
NH 519
IH 595
JD 54
Hesston 1440 tank
NH 676S
NH 365
NH 791
Badger 205

PICKERS
NI 10-1row
NI 311-2 row
IH 2MH-mounted
NI 323 1row

TILLAGE
Glencoe 12'6' Soil Finisher
P&M 10'3" Cultimulcher

PLOWS
IH 710-4x16 auto
JD 345-4x16-auto
IH 450-4x16-auto
AC 2x12 trailing
AC 4x16-auto
Brady 700 ch 11'
Case 3 pt Chisel
Case 5x16
Kasco Chisel-9'
Ford-4x16, 3 pt
Long-3x16
IH 700-5x16 auto

PLANTERS
IH 800, 4R Corn Planter
IH 800, 6RN Corn Planter
IH 400 cyclo
IH 56 plate
JD 7000-6rn
White 543, 4RN
Ford 311-4row
IH 455-4row
JD 494A-4row
IH 449-4row
AC 600-4row-air
IH 800-6rn-cyclo
JD 1440-4row

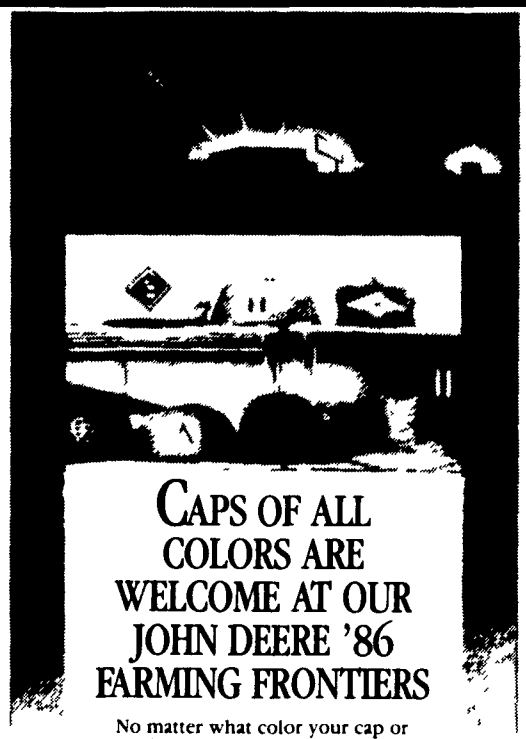
WAGONS
Grove 16ft
Badger 14ft
IH 51-16ft
Cobey 51
NH 6-14ft
Calhoun 620-14ft
Gehl 610-14ft
Gehl 920-16ft
Gehl 910-14ft
Artsway 16' Forg Wagon, 3 Beater, 12T Tandem Running Gear
18' Bale Wagons

MELROSE FARM SERVICE
498 BUCHANAN TRAIL WEST
GREENCASTLE, PA 17225
(717) 597-3138

CARLISLE FARM SERVICE
260 YORK ROAD
CARLISLE, PA. 17013
(717) 243-4419

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE



CAPS OF ALL COLORS ARE WELCOME AT OUR JOHN DEERE '86 FARMING FRONTIERS

No matter what color your cap or machinery you re invited to our John Deere Farming Frontiers Program Not only will we show you what s new in machinery from John Deere for 86 and present educational farm topics we will offer some food and express our dealership s willingness to serve you John Deere Farming Frontiers is unlike any other event, come and let us show you why!

LEADERSHIP YOU CAN COUNT ON

Monday, January 20 at Farm & Home Center Lancaster

A DIRECT PHONE LINE TO OUR PARTS DEPARTMENT

1-800-524-3276
(1-800-LBI-FARM)

—SERVING PENNSYLVANIA CUSTOMERS—

SPECIAL SAVINGS ON NEW JOHN DEERE TILLAGE EQUIPMENT IN STOCK

1000 Plow, 2B, 3-pt
1600 Plow, 3B 3-pt, spring reset
1600 Plow, 4B, 3-pt, spring reset
2800 Plow, 5B, semi mtd spring reset
710 8'-9" Mulchtiller
712 11'-3" Mulchtiller
940 13' "S" Tine Cultivator, P-T
1010 9½' Field Cultivator, 3 pt
1010 18½' Field Cultivator, P-T
115 11' 5" Disk Harrow
215 12' 10" Disk Harrow w/cushion gang
235 18' 6" Disk Harrow, Dura Cushion, Center Fold
235 22' 9" Disk Harrow, Dura Cushion, Wing Fold

JDFP FINANCE TERMS: APPROVED CREDIT

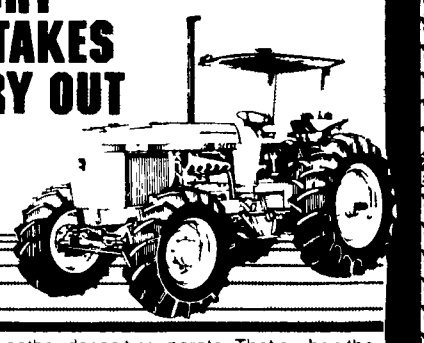
Used Utility & Row Crop Tractors
Waiver To March 1, 1986

Used Hay & Forage Equipment
Waiver to Sept. 1, 1986

Used Combines
Small Grain-**Waiver to June 1, 1986**
Corn & Soybean-**Waiver to Sept. 1, 1986**

Used Corn Planters-
Waiver to April 1, 1986

JOHN DEERE GREEN LIGHT SERVICE TAKES THE WORRY OUT OF BEING BUSY...



Especially when the weather doesn t cooperate That s when the season seems shorter you get busier and equipment downtime costs more

But when you take advantage of our Green Light Service especially the off-season specials like the one we re having right now you can roll into the field and not worry so much about unexpected downtime Because we will have inspected for the unexpected And troubleshooting in the shop is a whole lot more affordable than finding trouble in the field Especially when you re busy

So call us today and check out our Green Light Service Specials Then you won t have to worry about it later when things get busy

WINTER REPAIR SPECIAL
FREE ENGINE OIL CHANGE
WITH TRACTOR REPAIR WORK
$100 MINIMUM

10% OFF

On all John Deere Service Work
On Farm Tractors and Farm Machinery -
No Minimum - Thru March 1, 1986

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHN DEERE PARTS USED PERFORMING THE JOB.
◄ FIELD SERVICE EXCLUDED ►

By Appointment Only
Sorry we cannot offer discounts on credit sales
Repair Financing Available Thru JDFP
Credit Approval Required

Phone 717/291-1046

YEAR END - USED EQUIPMENT SALE
DURING DECEMBER
PRICES REDUCED AS SHOWN

LAWN/GARDEN
A Good Selection Of Used JD & Foreign Makes Lawn/Garden Tractors, Mowers & Snow Removal Equipment.
PRICED TO SELL

ROW CROP TRACTORS

	WAS	SALE
JD 4630 S/R, 20 8T, inside whl wts, dual remote	$12,950	$11,950
JD 4010 Gas, WFE, 18 4T	$ 5,200	$ 4,895
JD 3010 Dsl, ROM,	$ 6,750	$ 6,250
JD 2510 Gas, ROM,	$ 4,950	$ 4,850
JD 620 w/3 pt	$ 2,995	$ 2,850
JD 50	$ 1,875	$ 1,675
CASE 2090 12 sp, CAB, dual remote dual whl	$16,500	$15,900
CASE 1210 12 sp P/S WFE	$ 5,995	$ 4,995
IHC F1066 Dsl , turbo, CAB A/H, WFE dual remote	$13,900	$11,900
WHITE 2-105 Dsl , WFE dual remote, 18 4 T	$ 8,450	$ 7,995
OLIVER 1650 Gas Hydra Power	$ 6,995	$ 6,495

CHISEL PLOWS-TOOL BARS

	WAS	SALE
JD 8 ft bar w/5 sngl spring teeth, 3-pt	$795	$595

UTILITY TRACTORS

	WAS	SALE
JD 2940 Dsl , Cab MFWD, 18 4 T LEON H D Loader 7-ft bu	$31,500	$29,500
JD 2640 RU Dsl Roll Gard & encl	$12,900	$11,900
JD 2440 Dsl	$10,990	$ 9,950
JD 1520 Gas, Hi/Lo, Live pto	$ 5,800	$ 5,500
FORD 600	$ 3,150	$ 2,995
FORD 8N	$ 2,150	$ 2,000

CORN PLANTERS

	WAS	SALE
JD 7000 6R"N", dry fert, cross auger insect	$7,395	$6,995
JD 7000 4R"N", liquid fert, monitor	$6,495	$5,995
JD 7000 4R"W", dry fert, insect, HD coulters mont	$6,200	$5,995
JD 1240 4R"N", dry fert insect, DDO	$2,550	$1,995
JD 1240 4R dry fert insect, runner opener	$1,750	$1,450
JD 1240 dry fert, NO insect	$1,500	$1,150
JD 1240 4R"W", dry fert insect, runner opener	$1,500	$1,150
JD 494 4R dry fert att	$ 995	$ 695
AC 6 row NoTil, liquid fert	$1,750	$1,295

CORN PICKERS

	WAS	SALE
NI 323 1 row, hyd lift	$3,250	$2,950
NI 324 2 RW 329 Shel	$5,850	$4,950
NI 325 2 RN 327 Husk	$6,995	$5,995

COMPACT UTILITY TRACTORS & EQUIP

	WAS	SALE
JD 750 MFWD w/67 Hyd Loader	$7,150	$6,500
JD 365 front blade w/ext (fits 650)	$1,000	$ 895
JD 448 rotary tiller, 3 pt	$ 995	$ 895
WOODS RM306 rotary mower, 3-pt	$1,050	$ 950
4-FT ROTARY CUTTER	$ 495	$ 395

SNOWMOBILES

JD Liquifire Snow mobile	Priced To Sell
JD 800 Snowmobile	Priced To Sell

FORAGE EQUIPMENT

	WAS	SALE
JD 5400 SP, Cab power rear whl drive w/484 stalker head	$38,500	$34,500
JD 5200 SP, Cab w/3R 30" RC	$24,750	$19,750
NH 1895 SP, Cab, metal deflector, w/4R 30" RC, hay pick-up	$29,500	$26,500
JD 3960 PT, long tongue w/3R 30"	$12,900	$11,500
JD 3960 PT, 1000 pto, elect controls (#2976)	$ 7,950	$ 7,850
JD 35 PT, 2R 30" 5' Hay pick up	$ 4,500	$ 3,950
JD 38 PT, 2R 38"	$ 1,450	$ 1,350
JD 3R 38" RC (#3108)	$ 1,550	$ 1,250
JD 3R 30" RC (#2312)	$ 3,250	$ 2,750

FORAGE WAGONS

	WAS	SALE
JD 716 Forage Wgn 3rd bt roof 1275 gear	$6,500	$5,500
JD 716 Forage Wgn 3rd bt roof, 1275 gear	$6,500	$5,500
JD 216 Forage Wgn w/EZ gear	As Is	$1,450

GRAIN DRILLS

	WAS	SALE
JD 8300 18x7 plain, sngl d o , GSA	$2,950	$2,695
JD FB 13x7 w/fert, sngl d o , GSA	$ 950	$ 650
JD 1500 power till seeder 3 pt, 12 op, GSA	$2,750	$2,350

ROTARY CUTTERS

	WAS	SALE
JD 407 Int 7 ft,	$1,050	$ 895
JD 407 PT, 7-ft,	$1,350	$ 995
JD P107	$ 450	$ 395

WHEELS/TIRES & MISC

	SALE PRICE
1 pr whls w/11L 15 10P	$ 80
1 pr whls w/9 5L 15 8P	$ 60
1 set (4) whls w/7 50 16 8P	$125
Hood for JD 125 Chuck Wagon	$100

COMBINES

	WAS	SALE
JD 7700 Cab A/H Auto hdr hth cont (base machine)	$19,500	$18,900
JD 6600 SH, CAB A/H w/215 flex head 643 corn head	$36,950	$33,500
JD 6600 CAB A/H, Hydro Auto HH C w/213 Flex head	$24,500	$23,500
JD 4420 CAB A/H, Loss Grain Mon , Straw Spdr W/213 Flex head	$35,500	$31,500
MF 300 CAB S/H, straw spdr, 13' plat, 33 corn head	$11,250	$ 9,950
NI UNI 702D CAB 710 combine, 713 plat	$ 7,500	$ 6,500

BALERS

	WAS	SALE
JD 347 w/30 ejector used 5-mo, like new	$11,950	$11,500
JD 346 w/30 ejector hyd cyl, multi luber		$ 5,850

DISK HARROWS

	WAS	SALE
JD 310 14 ft 3-in	$3,950	$3,450
JD 3000 series 14 ft	$2,950	$2,450
JD AW 28 bl 10 ft	$1,350	$1,250

OTHER ITEMS

	WAS	SALE
JD 27 Flail Shredder	$5,500	$4,695
JD F950 Roller Harrow 12 ft	$1,650	$1,495
NI 270 Cut/Ditioner	$2,250	$1,995
JD #9 3 pt mower	$ 450	$ 395
MF #41 mower 3 pt pitmanless hyd cutter bar	$1,050	$ 950
JD 125 4B16" 3 pt	$ 795	$ 595
JD 2600 5B18" semi mtd sp reset, ga whl	$5,850	$5,350
JD 896 side delivery rake gr dr 4 bar	$ 975	$ 875
JD #535 trailer sprayer 30 ft boom cent pto pump	$1,395	$1,195
NH 367 Tank Spdr w/hyd roll back	$2,350	$1,695

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

1 FARM EQUIPMENT

CENTRAL BUCKS FARMS

Box 257 A, RD 2
New Hope, PA 18938
215-598-7687 Greg or Skip

Case 770 Tractor	$3,200
JD 7700 Combine Turbo Hydrostatic	$16,500
New Holland 490 Haybine	$1,200
New Holland 1049 Bale Wagon	$16,500
Kuhn Disc Mower	$1,900
JD 346 Baler 1980	$2,200
JD 347 Baler 1983	$5,200
JD 347 Baler 1985	$8,500
NH 320 Baler 1983	$5,500
IH 404 Tractor	$3,800
(5) 8 Ton Wagons w/16' Bed 1985, @ $850 ea.	$4,250
Haybuster 107 No Till Drill (New)	$7,800
Haybuster 1068 Drill	$2,350
Rhino F90 B 25' Hyd. Disk	$5,500
Krause 3121 22' Landsman (New)	$16,200
6500 Ft. 14½ Ga. American Made Bale Wire	$32/roll
JD 215 Flex Platform (Black reel)	$3,500
Kuhn GRS25 Tedder Rake	$2,250
NI 701 Uni Tractor	$1,950
NI Uni Sheller, Model 729	$125
30'6" Snoco Auger (New)	$300
IH 5 Bottom Plow	$950
Brillion Plow Packer w/Transport Wheel	$300
IH 12' Rotary Hoe	$75

Mud Hog 4 WD Attachment For JD 7700 or 6600 Combine

NEW IDEA

C.J. WONSIDLER BROS.
DEUTZ ALLIS

NEW HOLLAND

BRANCH
Rts 309 & 100
New Tripoli, PA
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Mon -Fri 7.30 A M - 5 00 P M
Sat 7 30 A M - 12 30 P M

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Trumbauersville to Finland Rd ,
Quakertown, PA
(215) 536-1935 or 536-7523
Mon -Fri 7 30 A M - 9.00 P M
Sat 7 30 A M - 4 00 P M

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon -Fri 7 30 A M 5.00 P M
Sat 7 30 A M 12 30 P M

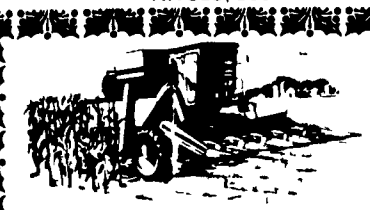
TRACTORS
Farmall 460 D
Farmall 400
Farmall H w/loader
Farmall A w/1-B Plow & 1-row cultivator
MF 180 D w/loader
MF 50 Gas w/loader
JD 2750 D, w/40 hrs , like new!
JD 2630 D, Excellent!
JD 3010 D
JD 630 w/wide front end
(2) JD 60 Gas
Oliver 1855 D wide front end, Excellent!
Oliver 500 D w/3 pt
AC 190XT D w/cab
AC 185 D
AC 180 D
AC D19 D
AC D17 D
(2) AC WD Gas
AC CA

COMBINES
Gleaner N5 Rotary w/cab, air/heat, 15' grain & 630 corn heads
1978 Gleaner M2 w/cab, air 15 grain & 438 C H
Gleaner F2 Diesel w/cab 13' grain & 438 corn heads
Gleaner FKS w/cab 13' grain & 438 corn heads
Gleaner KKS w/cab, 10 grain & 238 corn heads, EX CELLENT!
Gleaner CII w/12' grain & 438 corn heads
Gleaner E w/cab, 10 grain & 238 corn heads
JD 45 w/both heads
IH 315 w/cab, grain & corn heads
IH 93 w/10' grain head
NI Uni-System 702 w/717 combine, 4-row corn head

TILLAGE
AC 4B 3 pt Plow
AC 3B 3 pt Plow
JD 2600 5B Automatic Adj Plow w/spring reset, like new!
JD 13' Transport Disc
JD 10' Transport Disc
Oliver 6B semi-mt Plow
MF 520 10' Disc, like new!
Pittsburgh 13' Transport Disc
AC 9' Transport Disc
Kewanee 10' Mulcher
Brady 630 Shredder

MISC
(2) Weaverline 330 Silage Cart 30 BU w/automatic charger EXCELLENT!
(2) Weaverline 224 Silage Cart 30 BU w/automatic charger Rebuilt!
Behlen Grain Dryer w/engine

MANURE SPREADERS
(2) NI 214, Liq pan, 210 BU , Excellent!
(2) NI 218, Liq. pan, 300 BU
NH 519, 200 bu. w/Hyd End Gate-A1
NH 513, 165 bu.-nice
NH 510, 3 beater, 165 BU
NH 676, Hyd. Endgate, 320 BU
Farmall 550, Hyd Endgate, 200 BU
FarmHand w/Hyd Endgate, 125 BU



"SPECIAL YEAR END SALE"
December 7-31, 1985

On NEW & USED TRACTORS, COMBINES & IMPLEMENTS SAVE THOUSANDS OF DOLLARS + PLUS TAKE ADVANTAGE OF THE 1985 TAX CREDITS!!

Mr. Farmer: "Don't pass up this GOLDEN OPPORTUNITY!"

LOW PRICES...LOW FINANCE...TPD WAIVER
(Applies to TRACTORS & COMBINES only)

DEMONSTRATOR FORD TRACTORS

Ford Tractors Equipment

Just Received From Ford Tractor Training Center In Memphis, Tennessee

TRACTORS ARE IN EXCELLENT CONDITION. 7 TO 120 HOURS. FINANCING AVAILABLE. MUST BE SEEN TO BE APPRECIATED.

#1 Ford tractor, Model 2610, S/N- C688900, Hrs. 120, 3 cylinder diesel, PS, rops, single spool valve, engine heater, bumper, flat top fenders, front tires-6.00x16, rear tires-12.4x28. **$7,450.00**

#2 6610, 176 hrs., black decal striping, roll bar & canopy, front end weights, 2 spool valves w/8 outlets, front tires-10.00x16, rear tires-18.4x34 **$18,500.00**

#3 3910 New, 2 hrs., 8 speed synchromesh transmission, upright exhaust, crown fenders, lights, front tires-7.50x16, rear tires-14.9x28 **$10,900.00**

#18 2810 BS414C, S/N- C714456, Stabilizer Kit, Front Tires- 6.00x16, Rear Tires-[SOLD]28, 48 Hrs., Excell **$9,700.00**

#19 2810 BS414C, S/N- C728031, 7 hrs. excellent, basic unit with vertical exhaust, independent 540 rpm PTO and 8 speed transmission, 32 PTO H.P., deluxe seat, power steering, 4WD w/limited slip differential stabilizer kit, front tires-8.3x24, rear tires-13.6x28 **$12,500.00**

#20 2910 BA454C, S/N- C714672, 44 hrs. excellent, basic unit with horizontal exhaust, independent 540 rpm PTO and 8 speed transmission, 36 PTO H.P., valve-single spool, open-center, remote control valve, stabilizer kit, 4WD, front tires-8.3x24, rear tires-13 6x28 **$14,500.00**

#26 4610 DA314D, S/N- C733694, 30 hrs. excellent, basic unit with vertical exhaust, independent 540 rpm PTO & 8x4 synchromesh transmission, 52 PTO H.P., differential lock, two pump hydraulics w/14.1 gpm flow 4WD w/limited slip differential, power adjust wheels, double spool, closed center, remote control valves, includes valve and four quick-release couplers, alternator hi-cap, front end and rear wheel weight set w/front suitcase, front tires-11 2x24, rear tires-16.9x30 **$17,500.00**

#27 5610 LA314M, S/N, C716737, 245 hrs , very good, basic unit with 540 independent PTO, 16x4 dual power and vertical exhaust, 62 PTO H P load monitor, ford built cab w/air conditioner, heater/defroster, tinted glass, sliding rear window, interior dome light, deluxe comfortizer seat & seat belt, large padded tool box, two rear work lights, AM/FM stereo radio, 4WD, three spool, closed center, remote control valve, includes valve and six quick-couplers and hose, dry dual element air cleaner, front end and rear wheel weight set, front tires-14 9x24, rear tires-16.9x28 . **$21,000.00**

#28 5610 LA314M, S/N- C733[SOLD]draulic, Dual Power, Remote Valve (3) Air Pre-Cleaner, Weights, Front Tires- 10 00x16 **$17,500.00**

#29 6710 EC314L, S/N- C714740, 130 hrs., very good, basic unit with independent 540 rpm PTO and 16x8 dual power synchromesh transmission 72 PTO H.P., auxiliary fuel tank-19 gallons, two pump hydraulic system-live hydraulics with load monitor, position control, variable draft control, automatic flow control, and special load monitor, two spool, closed-center remote control valve, Ford built cab w/air conditioner, heater/defroster, 3 speed pressurizer, windshield washer, deluxe comfortizer seat & seat belt, large padded tool box, AM/FM stereo radio, front wheel drive w/limited slip differential, front end weight set, consisting of ten 90 lb., front wafer weights and mounting carrier, front tires- 14.9x24, rear tires-16.9x38. **$24,000.00**

#32 7710 FC315L, S/N- C733742, 82 hrs. very good, basic unit with 540/1000 independent PTO, 16x8 synchro dual power and standard front axle, 86 PTO H P , Ford built cab w/air conditioner, heater/defroster, 3 speed pressurizer, two doors with locks, mud fenders, tinted glass, AM/FM stereo radio, power adjust rear wheels, rear wheel weights plus front end wafer weights, front tires-10 00x16, rear tires-18 4x34 **$24,000.00**

#33 TW5 Tractor C716069, 63 hrs , good, w/773 Ford Loader, (GC415M), basic unit with 540/1000 independent PTO and 16x4 dual power, 105 PTO H.P , auxiliary fuel tank-19 gallons, Ford built cab w/air conditioner, integral rops, heater/defroster, 3 speed pressurizer, two doors with locks, mud fenders, tinted glass, AM/FM stereo radio, heavy duty front axle, three spool valve, open-center, remote control valve, includes valve, six hoses and quick-couplers, ether start kit front tires-14Lx16 1, rear tires-18 4Rx38, power wheels, Ford loader model 773-4, S/N-WI46229 with 19SM2130 bucket-78" **$26,000.00**

#34 TW5 GC415M, S/N- C722[SOLD]uxiliary Fuel Tank, Cab, Deluxe Seat & Padded Tool Box, 4W[SOLD]Remote Valve (3) **$25,500.00**

#35 UC415M TW15, S/N- C722766, 244 hrs , very good, basic unit with 540/1000 independent PTO, 16x4 dual power, 121 PTO H P , front wheel drive w/limited slip differential, Ford built cab, w/air conditioner, heater/defroster, 3 speed pressurizer, Am/FM stereo radio, power adjusted rear wheels, three spool valve, open-center, remote control valve, includes valve, six hoses and quick-couplers, tractor performance monitor, rear wheel weights plus front end weights, cold start, front tires-16.9x28, rear tires-20.8x38. **$32,000.00**

#36 TW25 HC415M, S/N- C716359, Auxiliary Fuel Tank, Cab, Comfortizer Seat, Padded Tool Box, 4W[SOLD]Remote Valve (3) **$34,000.00**

#46 555A Tractor, Loader, Backhoe (DF7113) S/N C733689, Unit is very good, 40 hrs , very good, basic unit is a complete tractor, loader, backhoe, with a series 765 14' backhoe and 5200 lb loader. Unit is equipped with a rubber-isolated fully flat operator's platform with integral noise barrier 6x4 manual reversing transmission 62 PTO H P Bostrom swivel seat with suspension, EO Package, Front tires- 11Lx16, Rear Tires-16 9x28, 4 Post Rops, ID Loader with 1 cu yd bucket, Backhoe 2 lever, 21-24 Bucket Standard Stabilizer Pads **$34,000.00**

STRALEY FARM SUPPLY, INC.
1760 East Canal Rd., Dover, PA. 17315-3699
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DEPENDABLE MOTOR CO.

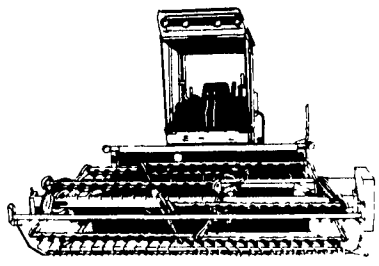
East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #320 w/#70 Thrower	ONE ONLY	$12,800
NH #316 SS		$8,600
NH #256 Steel		$2,345
NH #456 Mower		$2,470
NH #718 Harvester (Demo)		
NH #28 Blower		$2,915
NH #770W Pickup Head		$1,925
NH #8 Forage Box, 3 Btr. and Roof	Cash	$4,800
NH #355 Grinder Mixer, Hydraulic Drive		$7,430

Plus Big Cash Savings On All Equipment

1 ONLY Demo Model 1495 Haybine. Self-Propelled, Fully Equipped



LIST	$37,713
OUR PRICE	$30,000
Less WBD	1,300
TOTAL	$29,200

All This Plus
0% Financing—24 mos.
or
No Financing Til 9/86
or
$1,500 OFF for Cash

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

- Waiver of Finance On All New & Used Hay Equipment Till July 1, 1986

OR

- Cash Rebates Up To $7400

OR

- 0% Financing - 12 Mos.
- 0 % Financing - 18 Mos.

- Waiver of Finance On All New & Used Forage Equipment Till September 1, 1986

OR

- 0% Financing - 24 Mos.
- 8.9% Financing - 36 Mos.
- 10.9% Financing - 48 Mos.

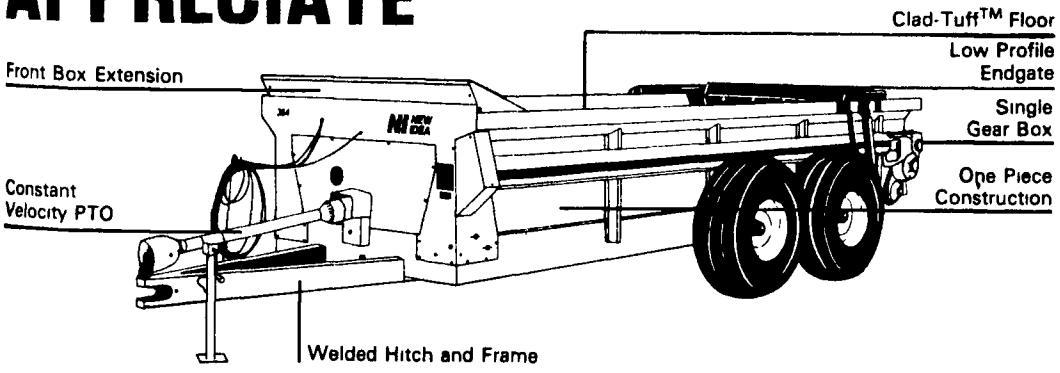
DEPENDABLE IS MORE THAN OUR NAME

NEW IDEA

360 SERIES SPREADERS

AT A PRICE THAT'S AFFORDABLE!

FEATURES YOU'LL APPRECIATE



Model 362 5 Ton Single Axle, Hyd. Endgate, Upper Beater	$5,340
Model 363 8 Ton Tandem Axle, Hyd. Endgate, Upper Beater, Regrooved Tires	$7,300
Model 365 11 Ton Tandem Axle, Hyd. Endgate, Upper Beater, Regrooved Tires	$8,425

Also In Stock

NI 484 Big Roll Baler
NI 405 Rake
NI 400 Rake
NI 509 Mower-Conditioner
NI 522 3 Pt. Sickle Mower

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ATTENTION: FARMERS - CONTRACTORS

Now is the time to prepare equipment for spring. Avoid spring rush. We stock parts for Briggs & Stratton, Kohler, Kawasaki, Wisconsin gas engines and Lombardini Diesels. Pickup and delivery service available in Lancaster County. All repairs guaranteed

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10% Off On Parts and Labor On Shop Jobs, $100 Or More Before January 31, 1986

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NEW PROVIDENCE, PA

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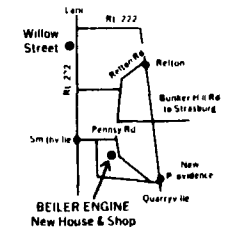

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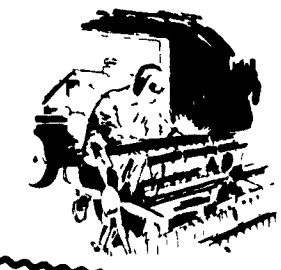

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In A Section, Page 12

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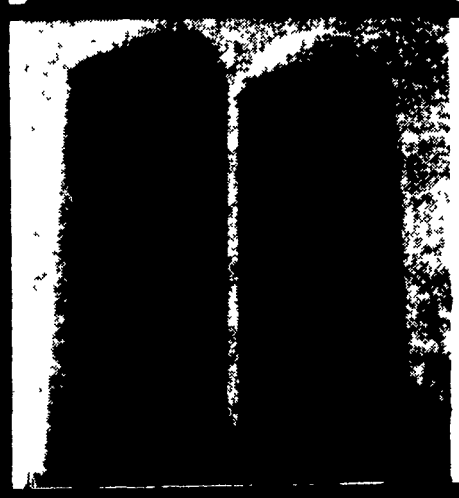

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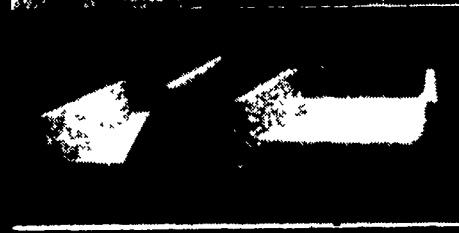

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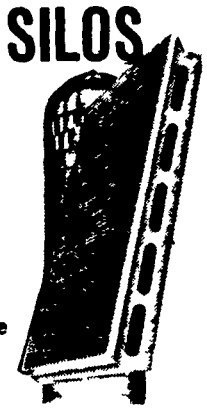

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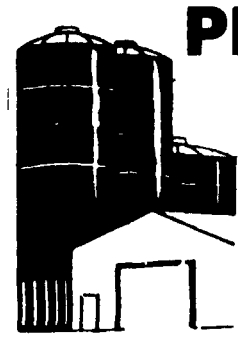

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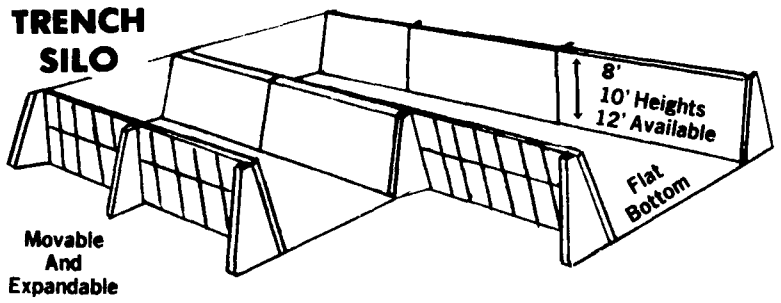

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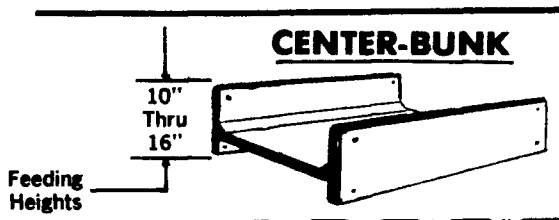

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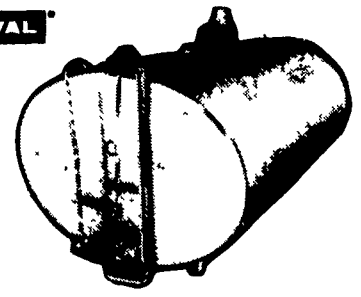

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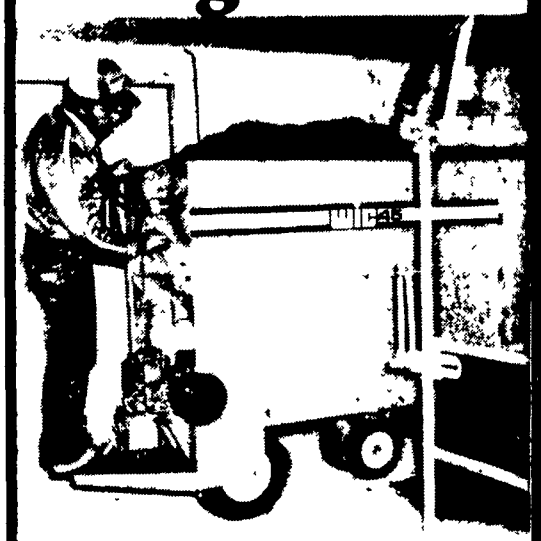

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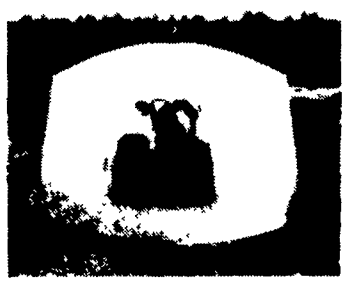

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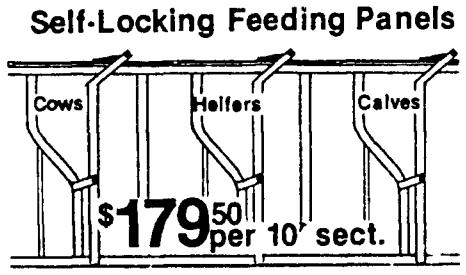

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1000 Gal Mueller O
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(2) 500 Gal. Mojonnier
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(2) 400 Gal. Jamesway
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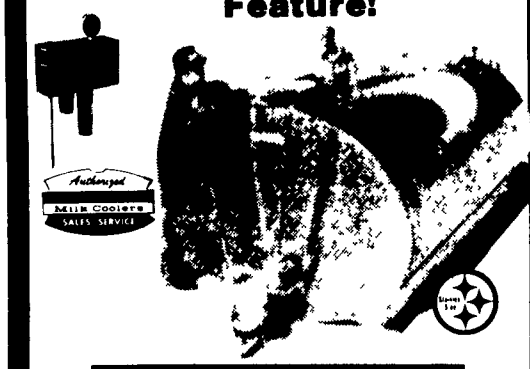

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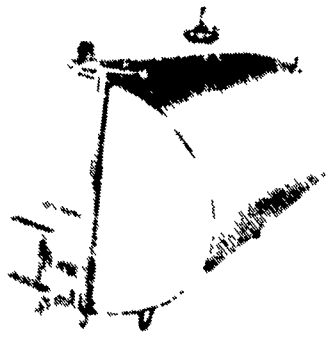

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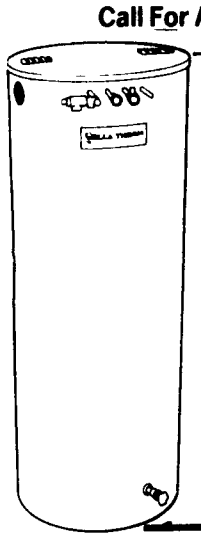

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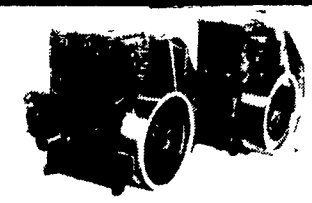

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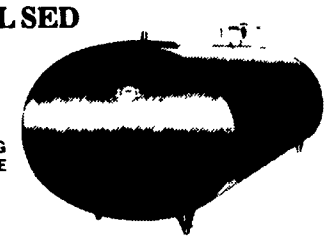

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